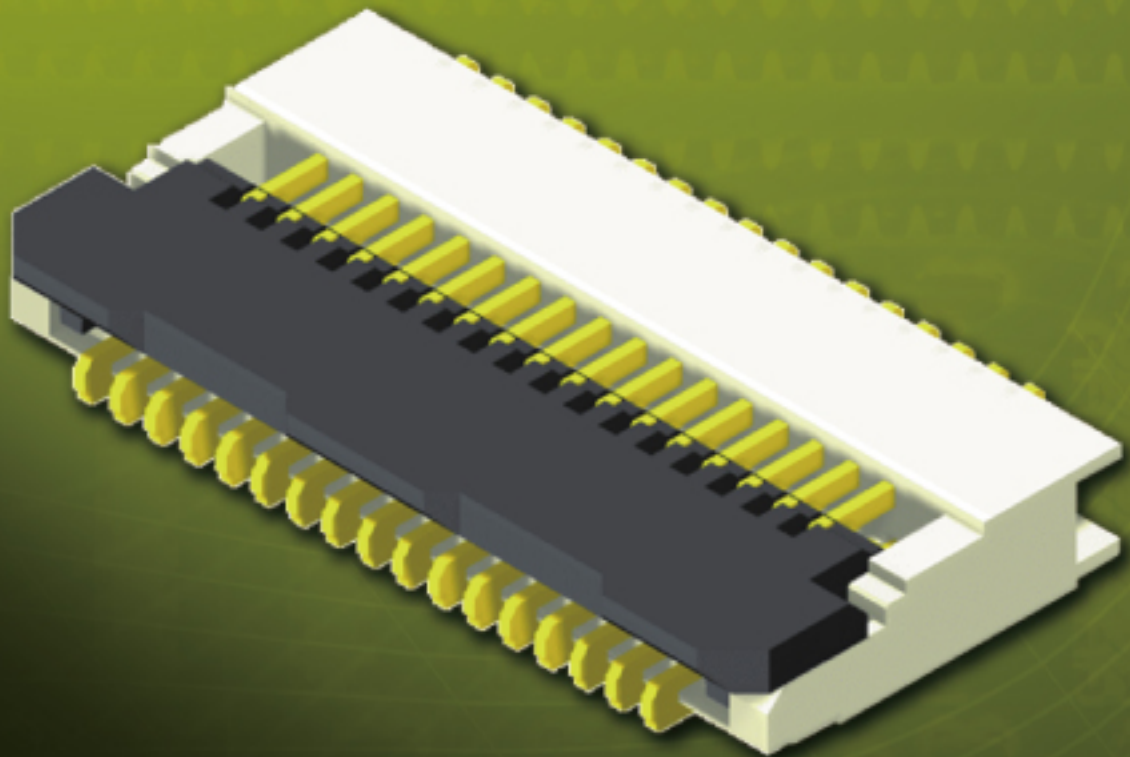


# FPC / FFC Connectors

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4-1~4-37 • FPC

4-38 • Flat Cable



# CONNECTORS MANUFACTURER



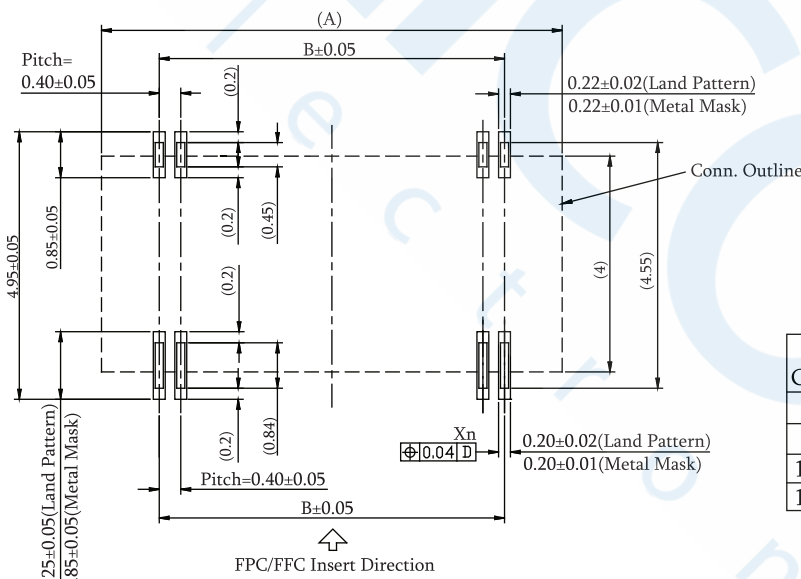
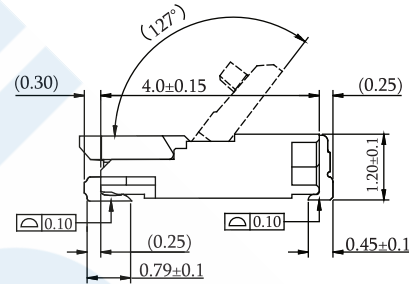
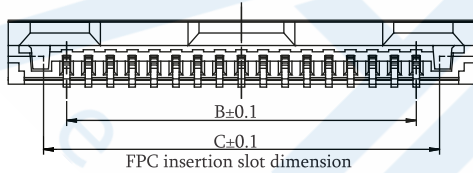
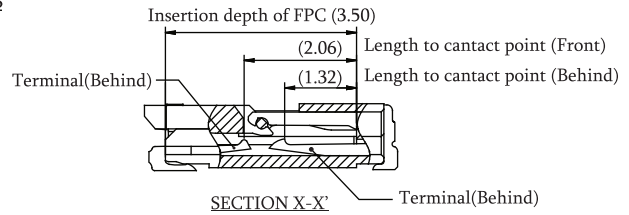
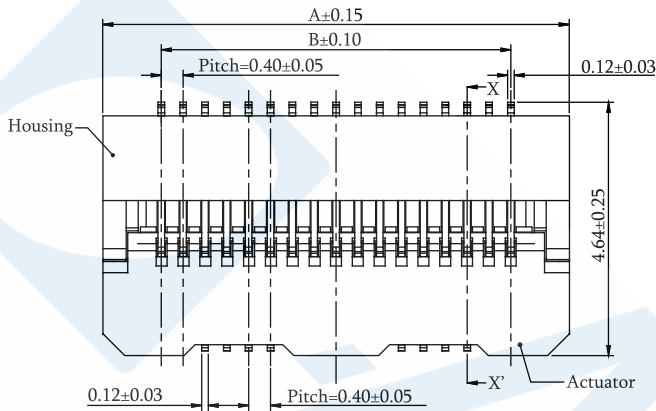
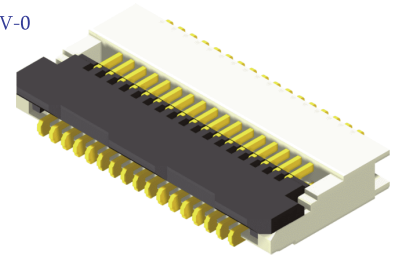
## FPC/FFC 0.2mm ZIF SMT R/A Type Side Entry Flip For FFC T=0.2mm

### Specifications

Current Rating: 0.25 AMP  
 Insulation Resistance: 100MΩ Min.  
 Contact Resistance: 20mΩ Max.  
 Dielectric Voltage: 120V AC for one minute  
 Operation Temperature: -55°C to +85°C

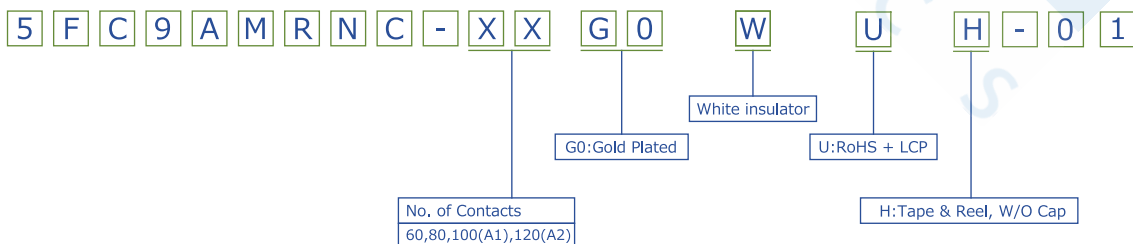
### Material

Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Gold Plated



No. of Contacts	Dimensions			n
	A	B	C	
60	13.74	11.60	12.47	30
80	17.74	15.60	16.47	40
100(A1)	21.74	19.60	20.47	50
120(A2)	25.74	23.60	24.47	60

## ORDER INFORMATION



©: Standard Recommend

Old P/N: FPC9AMR1C

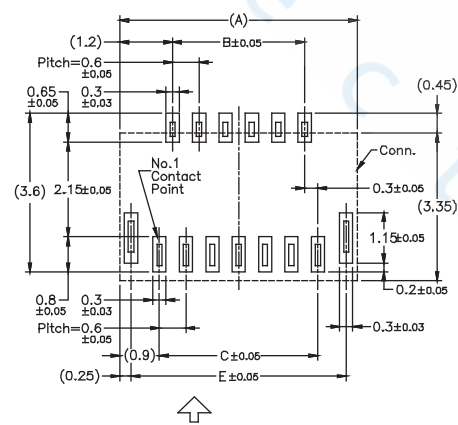
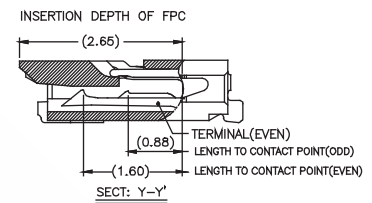
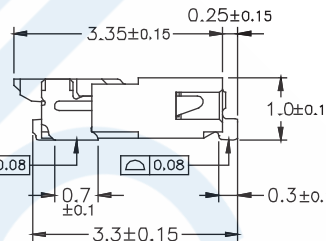
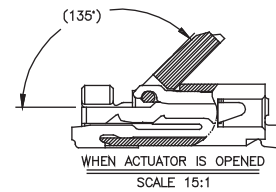
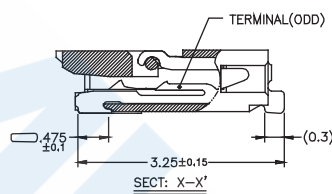
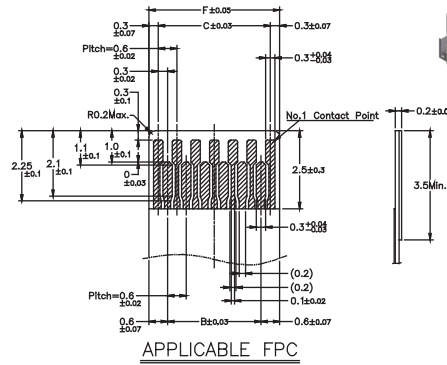
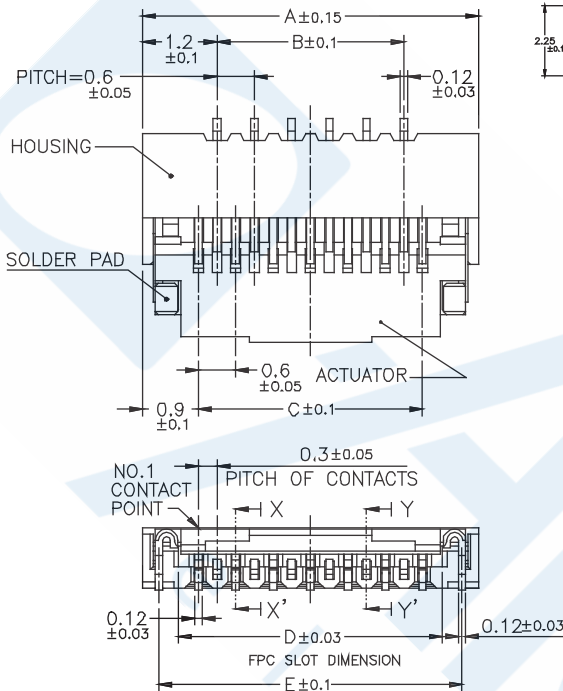
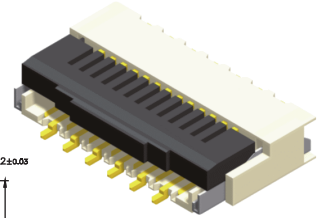
## FPC/FFC 0.3mm ZIF SMT R/A Type Side Entry Flip For FFC T=0.2mm

### Specifications

Current Rating: 0.2 AMP  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 40mΩ Max.  
 Dielectric Voltage: 250V AC for one minute  
 Operation Temperature: -55°C to +85°C

### Material

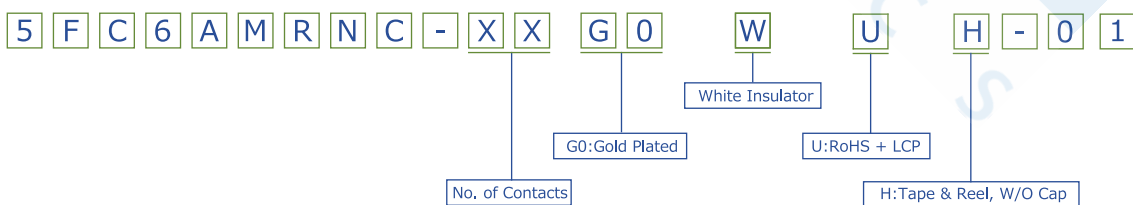
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Gold Plated



Recommended PCB Layout  
(PCB TOLERANCE ±0.05)

No. of Contacts	Dim.A	Dim.B	Dim.C	Dim.D	Dim.E	Dim.F
09	4.2	1.8	2.4	3.03	3.7	3.0
11	4.8	2.4	3.0	3.63	4.3	3.6
13	5.4	3.0	3.6	4.23	4.9	4.2
15	6.0	3.6	4.2	4.83	5.5	4.8
17	6.6	4.2	4.8	5.43	6.1	5.4
19	7.2	4.8	5.4	6.03	6.7	6.0
21	7.8	5.4	6.0	6.63	7.3	6.6
23	8.4	6.0	6.6	7.23	7.9	7.2
25	9.0	6.6	7.2	7.83	8.5	7.8
27	9.6	7.2	7.8	8.43	9.1	8.4
29	10.2	7.8	8.4	9.03	9.7	9.0
31	10.8	8.4	9.0	9.63	10.3	9.6
33	11.4	9.0	9.6	10.23	10.9	10.2
35	12.0	9.6	10.2	10.83	11.5	10.8
37	12.6	10.2	10.8	11.43	12.1	11.4
39	13.2	10.8	11.4	12.03	12.7	12.0
41	13.8	11.4	12.0	12.63	13.3	12.6
43	14.4	12.0	12.6	13.23	13.9	13.2
45	15.0	12.6	13.2	13.83	14.5	13.8
49	16.2	13.8	14.4	15.03	15.7	15.0
51	16.8	14.4	15.0	15.63	16.3	15.6
57	18.6	16.2	16.8	17.43	18.1	17.4
61	19.8	17.4	18.0	18.63	19.3	18.6
67	21.6	19.2	19.8	20.43	21.1	20.4
71	22.8	20.4	21.0	21.63	22.3	21.6

## ORDER INFORMATION



○: Standard Recommend

Old P/N: FPC6AMR1

# CONNECTORS MANUFACTURER



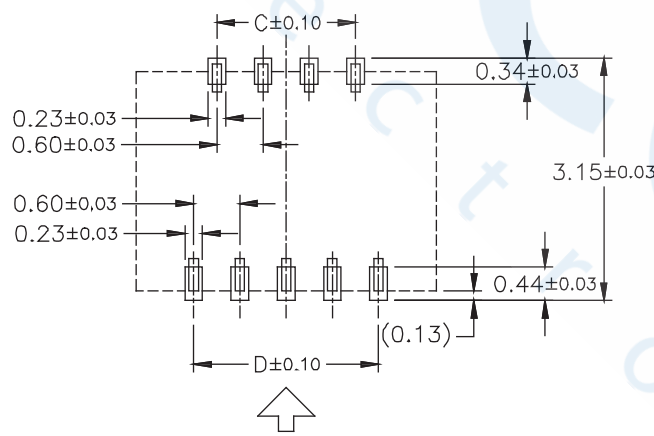
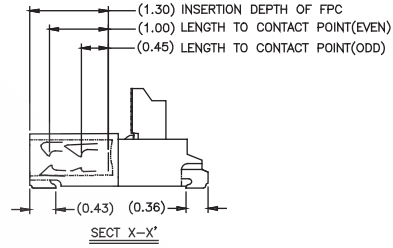
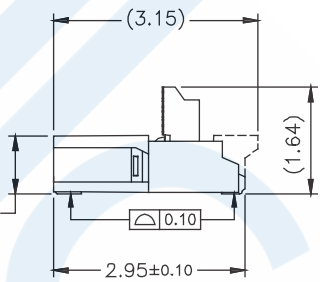
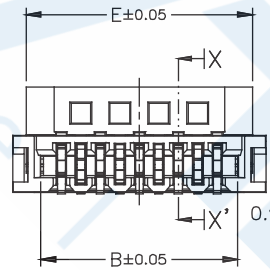
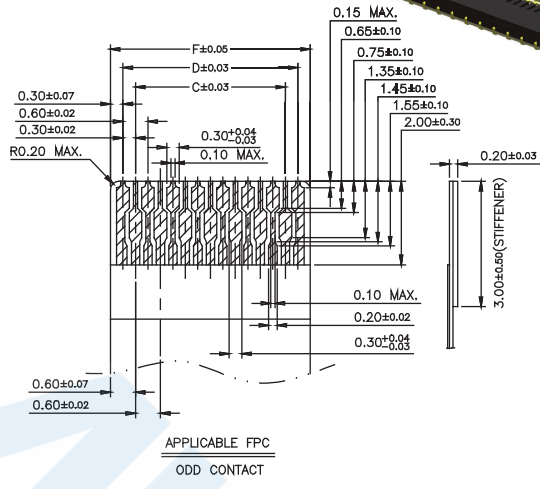
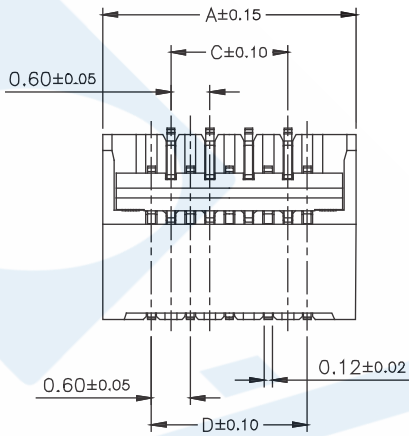
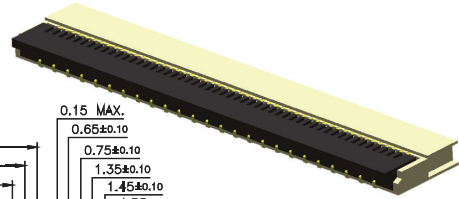
## FPC/FFC 0.3mm ZIF SMT R/A Type Side Entry Flip H=0.9mm

### Specifications

Current Rating: 0.2 AMP  
 Insulation Resistance: 1000MΩ Min.  
 Contact Resistance: 100mΩ Max.  
 Dielectric Voltage: 150V AC for one minute  
 Operation Temperature: -55°C to +85°C

### Material

Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Phosphor Bronze  
 Plated: Gold Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions					
	A	B	C	D	E	F
13	5.10	4.23	3.00	3.60	4.67	4.20
15	5.70	4.83	3.60	4.20	5.27	4.80
17	6.30	5.43	4.20	4.80	5.87	5.40
19	6.90	6.03	4.80	5.40	6.47	6.00
21	7.50	6.63	5.40	6.00	7.07	6.60
23	8.10	7.23	6.00	6.60	7.67	7.20
25	8.70	7.83	6.60	7.20	8.27	7.80
27	9.30	8.43	7.20	7.80	8.87	8.40
29	9.90	9.03	7.80	8.40	9.47	9.00
31	10.50	9.63	8.40	9.00	10.07	9.60
33	11.10	10.23	9.00	9.60	10.67	10.20
35	11.70	10.83	9.60	10.20	11.27	10.80
37	12.30	11.43	10.20	10.80	11.87	11.40
39	12.90	12.03	10.80	11.40	12.47	12.00
41	13.50	12.63	11.40	12.00	13.07	12.60
43	14.10	13.23	12.00	12.60	13.67	13.20
45	14.70	13.83	12.60	13.20	14.27	13.80
51	16.50	15.63	14.40	15.00	16.07	15.60
61	19.50	18.63	17.40	18.00	19.08	18.60

## ORDER INFORMATION

5 F C 6 A M R C C - X X G 0 W U H - 0 3

No. of Contacts: 5  
 White Insulator: W  
 H: Tape & Reel, W/O Cap  
 G0: Gold Plated  
 U: RoHS + Nylon 6T

©: Standard Recommend

FPC/FFC Conn.



ROHS

AMTEK CONNECTOR MANUFACTURER

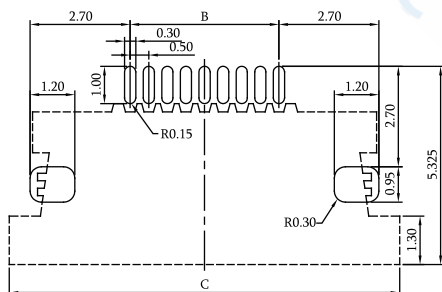
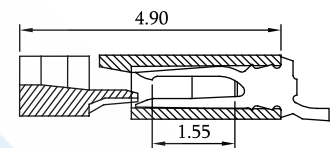
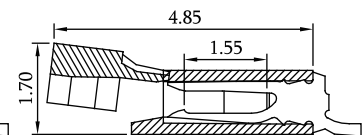
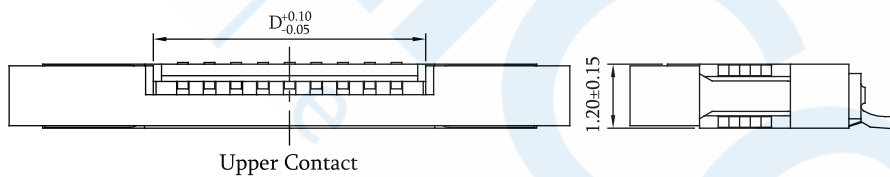
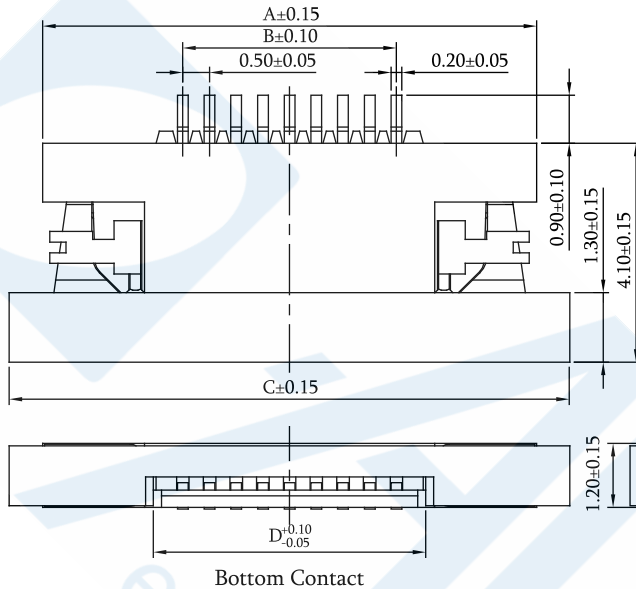
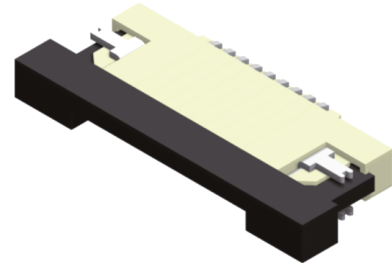
## FPC/FFC 0.5mm Slim SMT R/A Type Side Entry Drawer H=1.20mm

### Specifications

Current Rating:0.4 AMP  
 Insulation Resistance:50MΩ Min.  
 Contact Resistance:30mΩ Max.  
 Dielectric Voltage:250V AC for one minute  
 Operation Temperature:-55°C to +85°C

### Material

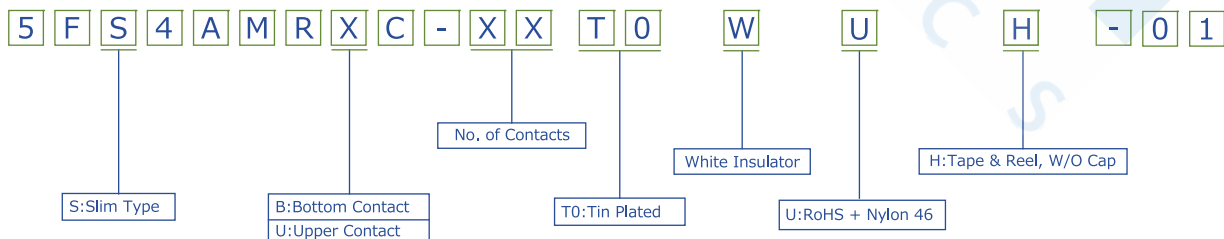
Insulator:High Temperature Thermoplastic, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions				No. of Contacts	Dimensions			
	A	B	C	D		A	B	C	D
04	6.75	1.50	8.00	2.60	26	17.75	12.50	19.00	13.60
05	7.25	2.00	8.50	3.10	28	18.75	13.50	20.00	14.60
06	7.75	2.50	9.00	3.60	30	19.75	14.50	21.00	15.60
08	8.75	3.50	10.00	4.60	32	20.75	15.50	22.00	16.60
10	9.75	4.50	11.00	5.60	33	21.25	16.00	22.50	17.10
12	10.75	5.50	12.00	6.60	34	21.75	16.50	23.00	17.60
14	11.75	6.50	13.00	7.60	35	22.25	17.00	23.50	18.10
15	12.25	7.00	13.50	8.10	36	22.75	17.50	24.00	18.60
16	12.75	7.50	14.00	8.60	39	24.25	19.00	25.50	20.10
18	13.75	8.50	15.00	9.60	40	24.75	19.50	26.00	20.60
20	14.75	9.50	16.00	10.60	44	26.75	21.50	28.00	22.60
22	15.75	10.50	17.00	11.60	45	27.25	22.00	28.50	23.10
24	16.75	11.50	18.00	12.60	50	29.75	24.50	31.00	25.60

## ORDER INFORMATION



# CONNECTORS MANUFACTURER



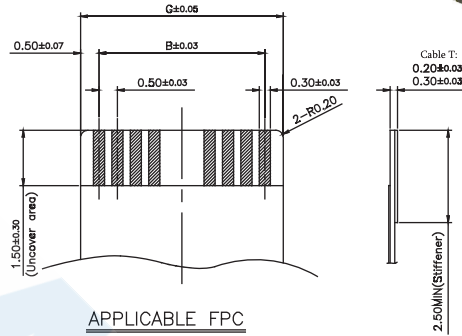
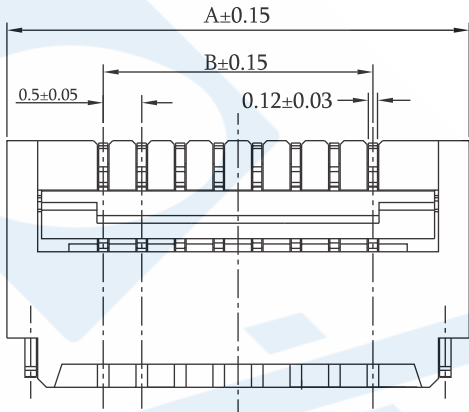
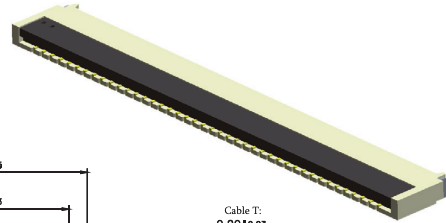
## FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Flip H=0.9 / 0.95mm

### Specifications

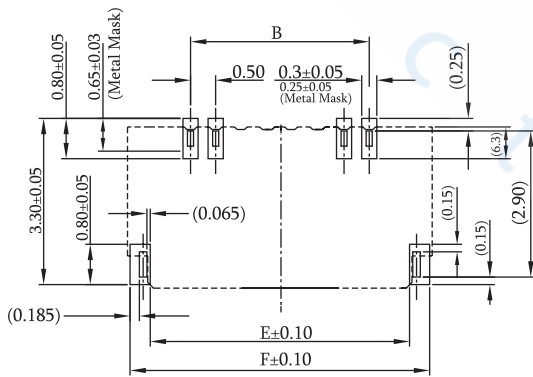
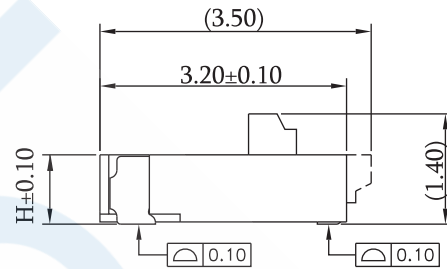
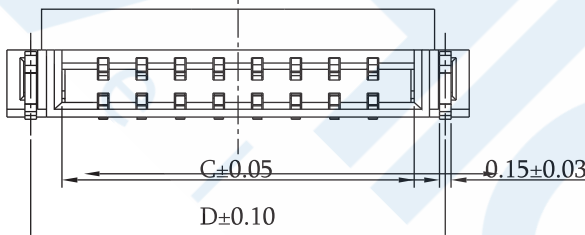
Current Rating:0.5 AMP  
 Voltage Rating:50V AC  
 Insulation Resistance:500MΩ Min.  
 Contact Resistance:100mΩ Max.  
 Dielectric Voltage:250V AC for one minute  
 Operation Temperature:-55°C to +85°C

### Material

Insulator:High Temperature Thermoplastic, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Gold Plated



APPLICABLE FPC



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions							
	A	B	C	D	E	F	G	H
04	4.00	1.50	2.57	3.38	3.10	3.90	2.50	0.90
06	5.00	2.50	3.57	4.38	4.10	4.90	3.50	
08	6.00	3.50	4.57	5.38	5.10	5.90	4.50	
10	7.00	4.50	5.57	6.38	6.10	6.90	5.50	
12	8.00	5.50	6.57	7.38	7.10	7.90	6.50	
13	8.50	6.00	7.07	7.88	7.60	8.40	7.00	
14	9.00	6.50	7.57	8.38	8.10	8.90	7.50	
15	9.50	7.00	8.07	8.88	8.60	9.40	8.00	
16	10.00	7.50	8.57	9.38	9.10	9.90	8.50	
20	12.00	9.50	10.57	11.38	11.10	11.90	10.50	
22	13.00	10.50	11.57	12.38	12.10	12.90	11.50	
24	14.00	11.50	12.57	13.38	13.10	13.90	12.50	
25	14.50	12.00	13.07	13.88	13.60	14.40	13.00	
26	15.00	12.50	13.57	14.38	14.10	14.90	13.50	
30	17.00	14.50	15.57	16.38	16.10	16.90	15.50	
34	19.00	16.50	17.57	18.38	18.10	18.90	17.50	
40	22.00	19.50	20.57	21.38	21.10	21.90	20.50	
42	23.00	20.50	21.57	22.38	22.10	22.90	21.50	
50	27.00	24.50	25.57	26.38	26.10	26.90	25.50	
								0.95

## ORDER INFORMATION

5 F C 4 A M R C C - X X G 0 W U H - 0 X

No. of Contacts

White Insulator

H: Tape & Reel, W/O Cap

G0: Gold Plated

U: RoHS + Nylon 6T

Cable T  
 1: T=0.20  
 2: T=0.30

Standard Recommend

Old P/N: FPC4AMRB1

AMTEK CONNECTOR MANUFACTURER

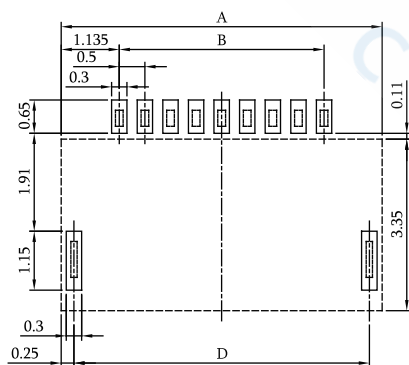
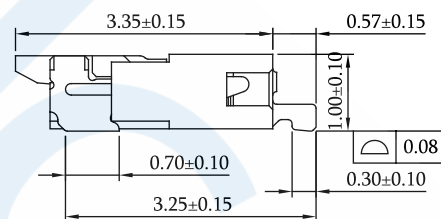
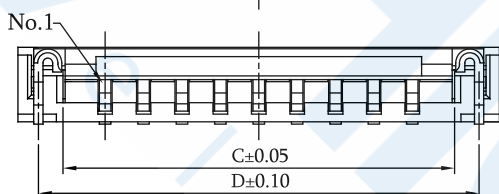
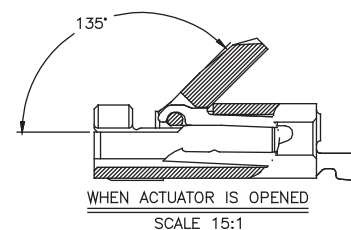
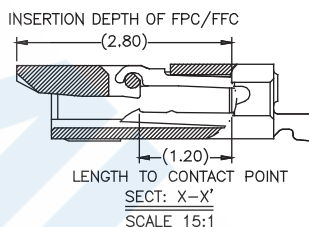
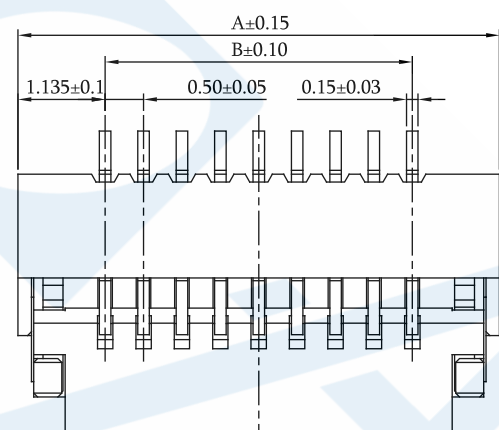
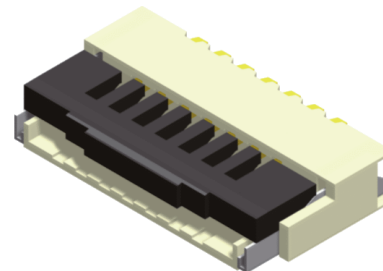
## FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Flip H=1.0mm

### Specifications

Current Rating:0.5 AMP  
 Insulation Resistance:50MΩ Min.  
 Contact Resistance:40mΩ Max.  
 Dielectric Voltage:250V AC for one minute  
 Operation Temperature:-55°C to +85°C

### Material

Insulator:High Temperature Thermoplastic,UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Gold Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions				No. of Contacts	Dimensions			
	A	B	C	D		A	B	C	D
04	3.77	1.50	2.60	3.27	23	13.27	11.00	12.10	12.77
05	4.27	2.00	3.10	3.77	24	13.77	11.50	12.60	13.27
06	4.77	2.50	3.60	4.27	26	14.77	12.50	13.60	14.27
07	5.27	3.00	4.10	4.77	27	15.27	13.00	14.10	14.77
08	5.77	3.50	4.60	5.27	28	15.77	13.50	14.60	15.27
09	6.27	4.00	5.10	5.77	29	16.27	14.00	15.10	15.77
10	6.77	4.50	5.60	6.27	30	16.77	14.50	15.60	16.27
12	7.77	5.50	6.60	7.27	32	17.77	15.50	16.60	17.27
13	8.27	6.00	7.10	7.77	33	18.27	16.00	17.10	17.77
14	8.77	6.50	7.60	8.27	34	18.77	16.50	17.60	18.27
15	9.27	7.00	8.10	8.77	35	19.27	17.00	18.10	18.77
16	9.77	7.50	8.60	9.27	36	19.77	17.50	18.60	19.27
17	10.27	8.00	9.10	9.77	38	20.77	18.50	19.60	20.27
18	10.77	8.50	9.60	10.27	39	21.27	19.00	20.10	20.77
19	11.27	9.00	10.10	10.77	40	21.77	19.50	20.60	21.27
20	11.77	9.50	10.60	11.27	43	23.27	21.00	22.10	22.77
21	12.27	10.00	11.10	11.77	45	24.27	22.00	23.10	23.77
22	12.77	10.50	11.60	12.27	50	26.77	24.50	25.60	26.27

## ORDER INFORMATION

5 F C 4 A M R N C - X X G 0 W U H - 0 1

No. of Contacts

White Insulator

H: Tape & Reel, W/O Cap

G0: Gold Plated

U: RoHS + LCP

# CONNECTORS MANUFACTURER



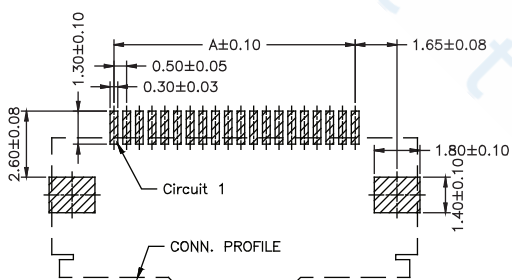
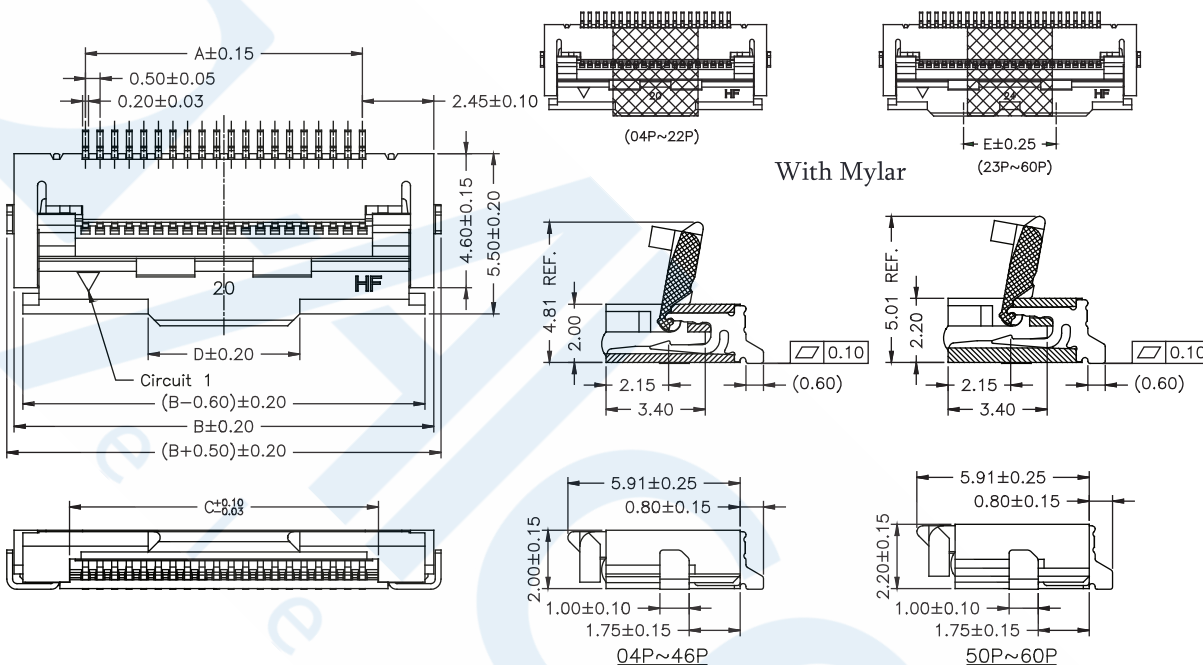
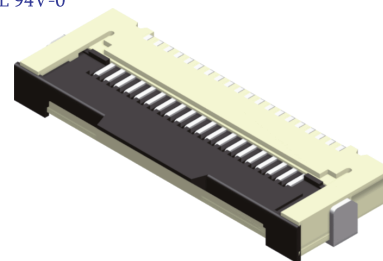
## FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Flip H=2.0mm

### Specifications

Current Rating: 0.5 AMP  
 Voltage Rating: 50V AC,DC  
 Insulation Resistance: 100MΩ Min.  
 Contact Resistance: 20mΩ Max.  
 Dielectric Voltage: 250V AC for one minute  
 Operation Temperature: -25°C to +85°C

### Material

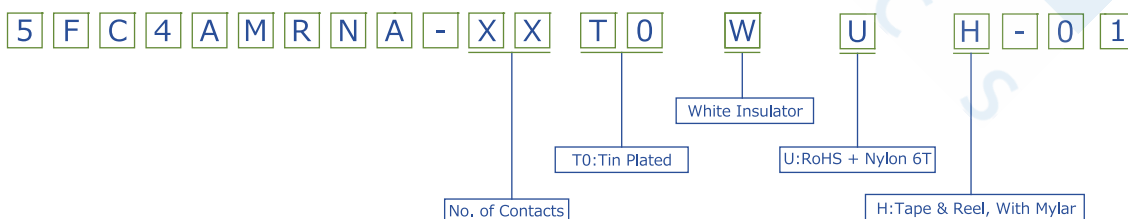
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions					No. of Contacts	Dimensions				
	A	B	C	D	E		A	B	C	D	E
04	1.50	6.40	2.60	2.20		27	13.00	17.90	14.10		7.00
06	2.50	7.40	3.60			28	13.50	18.40	14.60		
07	3.00	7.90	4.10	2.70		29	14.00	18.90	15.10		7.50
08	3.50	8.40	4.60			30	14.50	19.40	15.60		
09	4.00	8.90	5.10	4.70		31	15.00	19.90	16.10		8.00
10	4.50	9.40	5.60			32	15.50	20.40	16.60		
11	5.00	9.90	6.10	5.20		33	16.00	20.90	17.10		8.50
12	5.50	10.40	6.60			34	16.50	21.40	17.60		
13	6.00	10.90	7.10	4.70		35	17.00	21.90	18.10		9.00
14	6.50	11.40	7.60			36	17.50	22.40	18.60		
15	7.00	11.90	8.10	5.20		37	18.00	22.90	19.10		9.50
16	7.50	12.40	8.60			38	18.50	23.40	19.60		
17	8.00	12.90	9.10	4.70		39	19.00	23.90	20.10		10.00
18	8.50	13.40	9.60			40	19.50	24.40	20.60		
19	9.00	13.90	10.10	5.20		42	20.50	25.40	21.60		13.50
20	9.50	14.40	10.60			45	22.00	26.90	23.10		
21	10.00	14.90	11.10	4.70		46	22.50	27.40	23.60		14.30
22	10.50	15.40	11.60			50	24.50	29.40	25.60		
23	11.00	15.90	12.10	5.20		54	26.50	31.40	27.60		16.50
24	11.50	16.40	12.60			55	27.00	31.90	28.10		
25	12.00	16.90	13.10	4.70	6.00	60	29.50	34.40	30.60		8.00
26	12.50	17.40	13.60			5.20	6.50				

## ORDER INFORMATION



FPC/FFC Conn.

ROHS

AMTEK MANUFACTURE



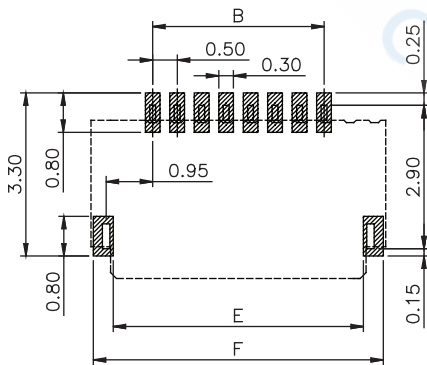
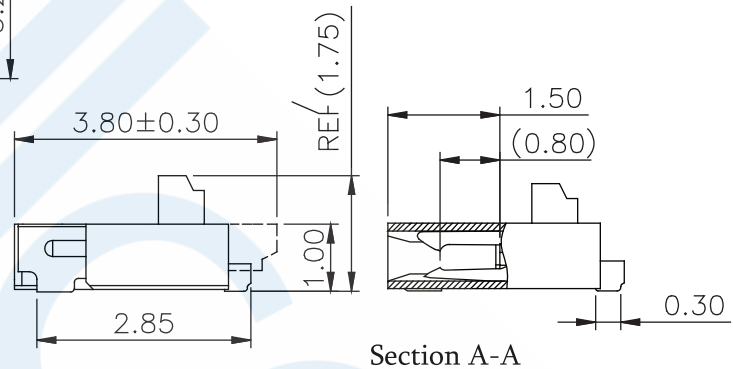
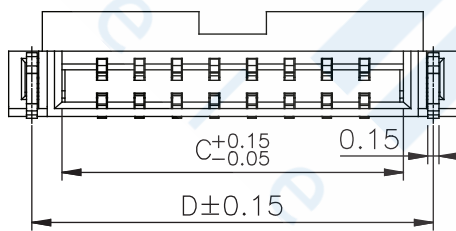
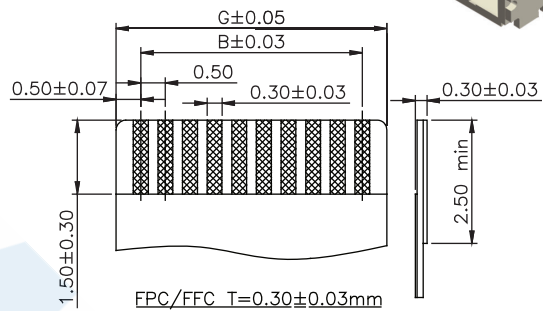
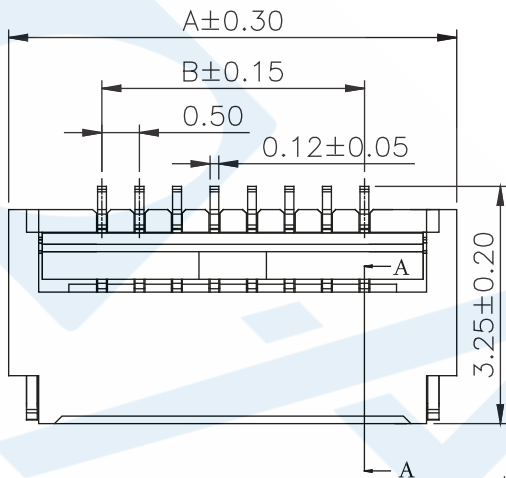
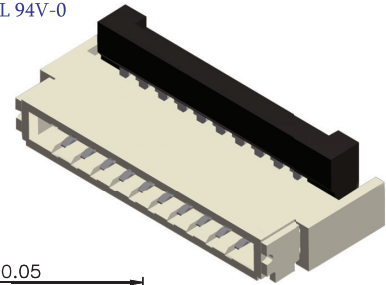
## FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Back Flip H=1.0mm

### Specifications

Current Rating: 0.2 AMP  
 Voltage Rating: 30V AC,DC  
 Insulation Resistance: 50MΩ Min.  
 Contact Resistance: 40mΩ Max.  
 Dielectric Voltage: 250V AC for one minute  
 Operation Temperature: -20°C to +85°C

### Material

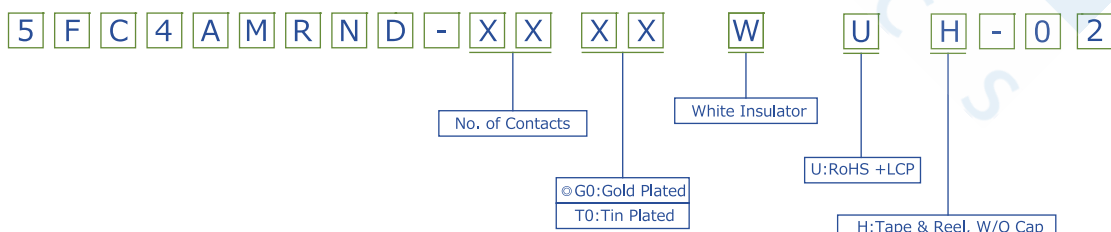
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Gold / Tin Plated



Recommended PCB Layout  
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions						
	A	B	C	D	E	F	G
4	4.00	1.50	2.57	3.38	3.10	3.90	2.50
6	5.00	2.50	3.57	4.38	4.10	4.90	3.50
13	6.00	3.50	4.57	5.38	5.10	5.90	4.50
15	7.00	4.50	5.57	6.38	6.10	6.90	5.50
17	8.00	5.50	6.57	7.38	7.10	7.90	6.50
19	9.00	6.50	7.57	8.38	8.10	8.90	7.50
21	10.00	7.50	8.57	9.38	9.10	9.90	8.50
23	11.00	8.50	9.57	10.38	10.10	10.90	9.50
25	12.00	9.50	10.57	11.38	11.10	11.90	10.50
27	14.00	10.50	12.57	13.38	13.10	13.90	12.50
29	15.00	11.50	13.57	14.38	14.10	14.90	13.50
31	19.00	16.50	17.57	18.38	18.10	18.90	17.50
33	22.00	19.50	20.57	21.38	21.10	21.90	20.50

## ORDER INFORMATION



⊙: Standard Recommend

# CONNECTORS MANUFACTURER



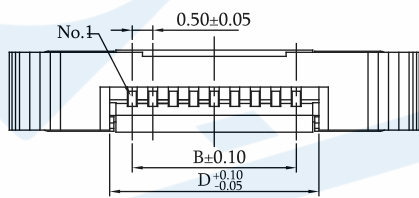
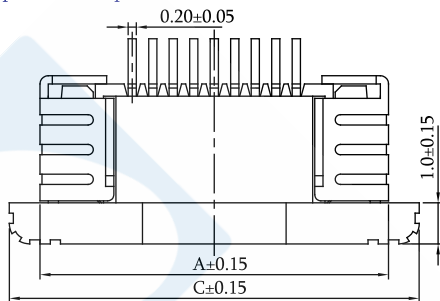
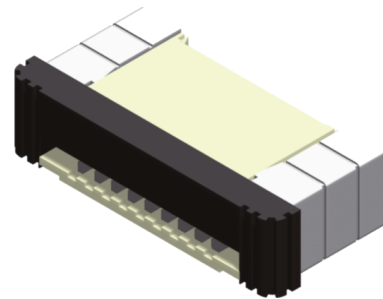
## FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Drawer H=2.0mm

### Specifications

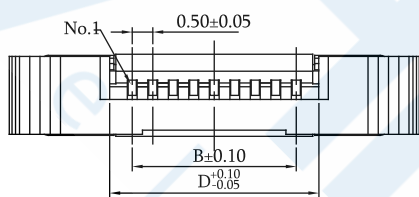
Current Rating: 0.4 AMP  
 Insulation Resistance: 500Ω Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 250V AC for one minute  
 Operation Temperature: -55°C to +85°C

### Material

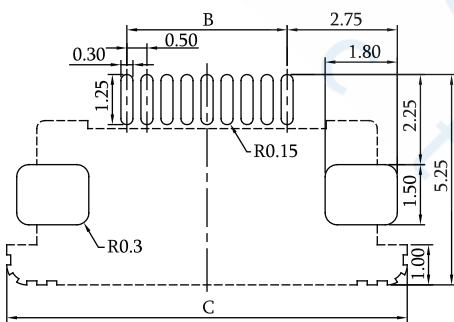
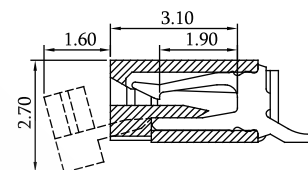
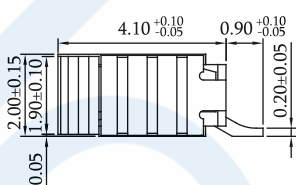
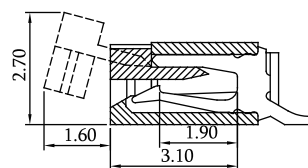
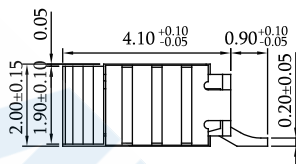
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Phosphor Bronze  
 Plated: Tin Plated



Bottom Contact



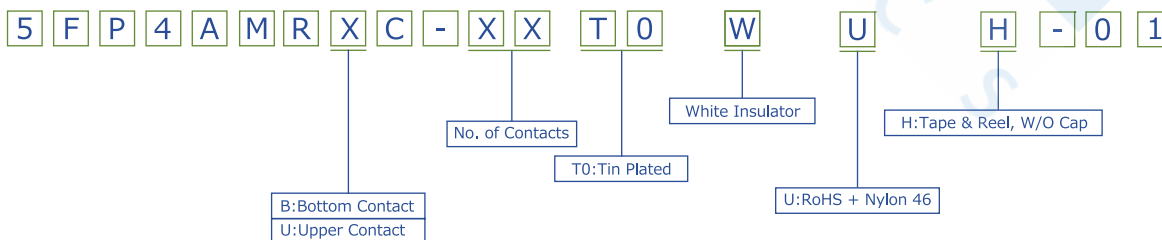
Upper Contact



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions				No. of Contacts	Dimensions			
	A	B	C	D		A	B	C	D
4	6.00	1.50	7.50	2.60	28	18.00	13.50	19.50	14.60
5	6.50	2.00	8.00	3.10	29	18.50	14.00	20.00	15.10
6	7.00	2.50	8.50	3.60	30	19.00	14.50	20.50	15.60
7	7.50	3.00	9.00	4.10	31	19.50	15.00	21.00	16.10
8	8.00	3.50	9.50	4.60	32	20.00	15.50	21.50	16.60
9	8.50	4.00	10.00	5.10	33	20.50	16.00	22.00	17.10
10	9.00	4.50	10.50	5.60	34	21.00	16.50	22.50	17.60
11	9.50	5.00	11.00	6.10	35	21.50	17.00	23.00	18.10
12	10.00	5.50	11.50	6.60	36	22.00	17.50	23.50	18.60
13	10.50	6.00	12.00	7.10	37	22.50	18.00	24.00	19.10
14	11.00	6.50	12.50	7.60	38	23.00	18.50	24.50	19.60
15	11.50	7.00	13.00	8.10	39	23.50	19.00	25.00	20.10
16	12.00	7.50	13.50	8.60	40	24.00	19.50	25.50	20.60
17	12.50	8.00	14.00	9.10	41	24.50	20.00	26.00	21.10
18	13.00	8.50	14.50	9.60	42	25.00	20.50	26.50	21.60
19	13.50	9.00	15.00	10.10	43	25.50	21.00	27.00	22.10
20	14.00	9.50	15.50	10.60	44	26.00	21.50	27.50	22.60
21	14.50	10.00	16.00	11.10	45	26.50	22.00	28.00	23.10
22	15.00	10.50	16.50	11.60	46	27.00	22.50	28.50	23.60
23	15.50	11.00	17.00	12.10	47	27.50	23.00	29.00	24.10
24	16.00	11.50	17.50	12.60	48	28.00	23.50	29.50	24.60
25	16.50	12.00	18.00	13.10	49	28.50	24.00	30.00	25.10
26	17.00	12.50	18.50	13.60	50	29.00	24.50	30.50	25.60
27	17.50	13.00	19.00	14.10					

## ORDER INFORMATION



©: Standard Recommend

Old P/N: FPC4AMR1

AMTEK CONNECTOR MANUFACTURER

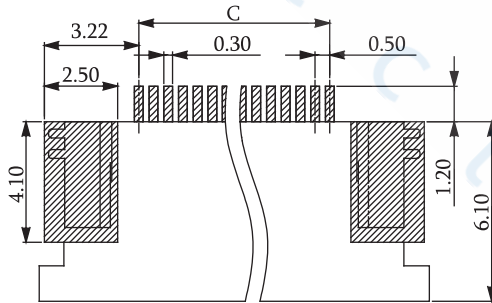
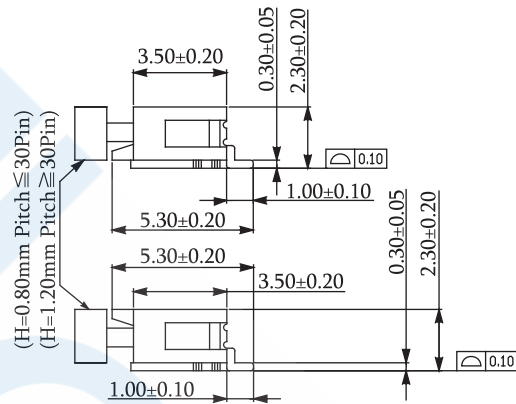
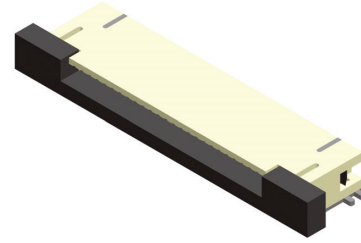
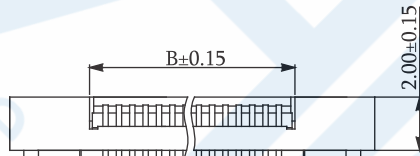
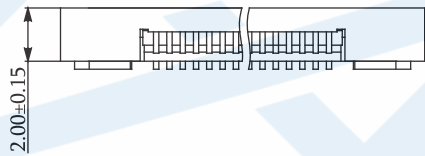
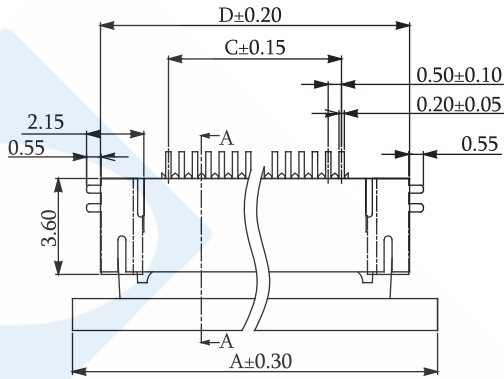
## FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Drawer H=2.3mm

### Specifications

Current Rating: 0.5 AMP  
 Insulation Resistance: 100MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 250V AC for one minute  
 Operation Temperature: -20°C to +85°C

### Material

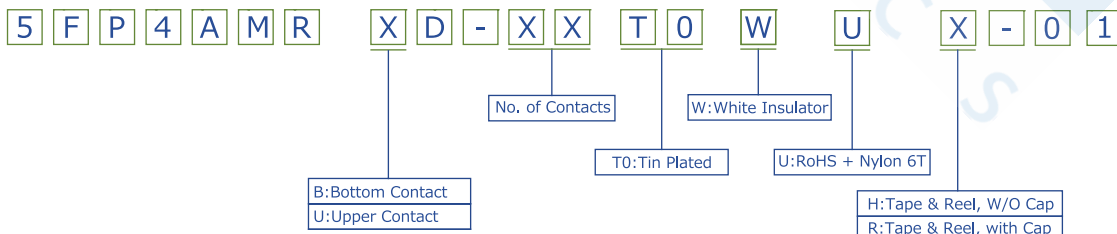
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D	No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
4	8.70	2.70	1.50	6.60	32	22.70	16.70	15.50	20.60
5	9.20	3.20	2.00	7.10	33	23.20	17.20	16.00	21.10
6	9.70	3.70	2.50	7.60	34	23.70	17.70	16.50	21.60
8	10.70	4.70	3.50	8.60	35	24.20	18.20	17.00	22.10
9	11.20	5.20	4.00	9.10	36	24.70	18.70	17.50	22.60
10	11.70	5.70	4.50	9.60	37	25.20	19.20	18.00	23.10
11	12.20	6.20	5.00	10.10	38	25.70	19.70	18.50	23.60
12	12.70	6.70	5.50	10.60	39	26.20	20.20	19.00	24.10
13	13.20	7.20	6.00	11.10	40	26.70	20.70	19.50	24.60
14	13.70	7.70	6.50	11.60	41	27.20	21.20	20.00	25.10
15	14.20	8.20	7.00	12.10	42	27.60	21.70	20.50	25.60
16	14.70	8.70	7.50	12.60	43	28.20	22.20	21.00	26.10
17	15.20	9.20	8.00	13.10	44	28.70	22.70	21.50	26.60
18	15.70	9.70	8.50	13.60	45	29.20	23.20	22.00	27.10
19	16.20	10.20	9.00	14.10	46	29.70	23.70	22.50	27.60
20	16.70	10.70	9.50	14.60	48	30.70	24.70	23.50	28.60
21	17.20	11.20	10.00	15.10	50	31.70	25.70	24.50	29.60
22	17.70	11.70	10.50	15.60	51	32.20	26.20	25.00	30.10
23	18.20	12.20	11.00	17.10	53	33.20	27.20	26.00	31.10
24	18.70	12.70	11.50	17.60	54	33.70	27.70	26.50	31.60
25	19.20	13.20	12.00	18.10	55	34.20	28.20	27.00	32.10
26	19.70	13.70	12.50	18.60	56	34.70	28.70	27.50	32.60
27	20.20	14.20	13.00	19.10	57	35.20	29.20	28.00	33.10
28	20.70	14.70	13.50	19.60	59	36.20	30.20	29.00	34.10
29	21.20	15.20	14.00	20.10	60	36.70	30.70	29.50	34.60
30	21.70	15.70	14.50	20.60	61	37.20	31.20	30.00	35.10
31	22.20	16.20	15.00	21.10					

## ORDER INFORMATION



# CONNECTORS MANUFACTURER



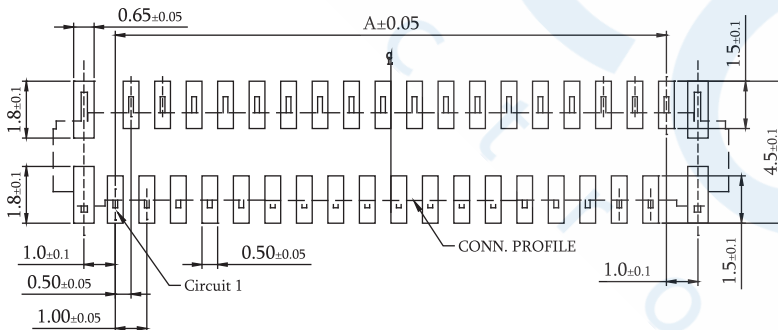
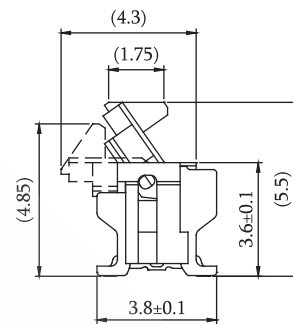
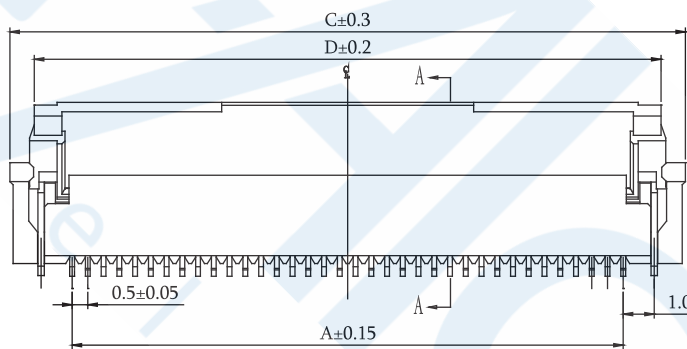
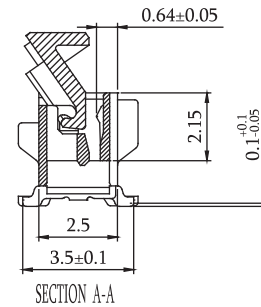
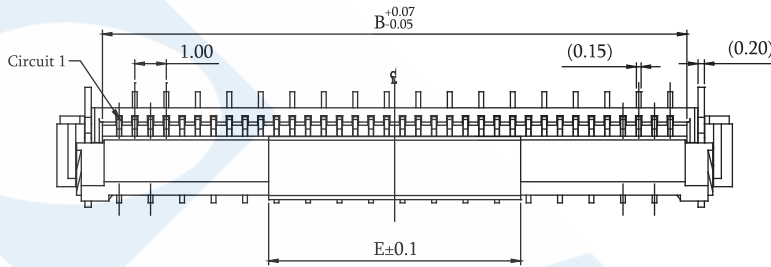
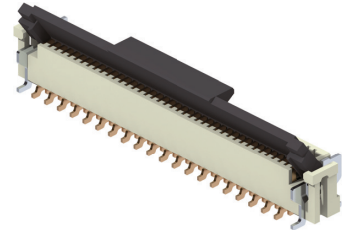
## FPC/FFC 0.5mm ZIF SMT Type Top Entry Flip H=5.5mm

### Specifications

Current Rating: 0.5 AMP  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 200V AC for one minute  
 Operation Temperature: -40°C to +85°C

### Material

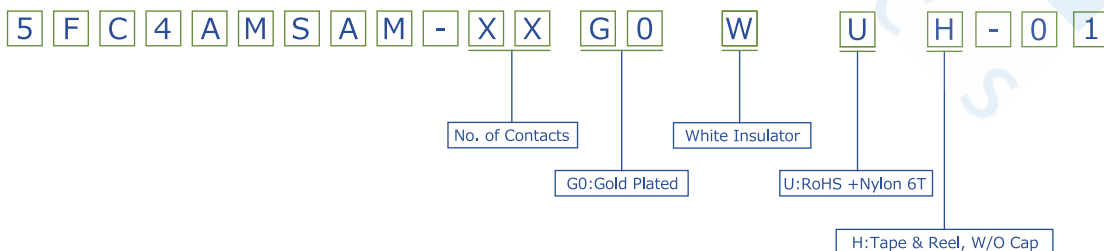
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Gold Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contact	Dimension				
	A	B	C	D	E
08	3.5	4.6	7.5	5.9	4.0
09	4.0	5.1	8	6.4	
10	4.5	5.6	8.5	6.9	
12	5.5	6.6	9.5	7.9	
14	6.5	7.6	10.5	8.9	
16	7.5	8.6	11.5	9.9	
24	11.5	12.6	15.5	13.9	8.0
30	14.5	15.6	18.5	16.9	
32	15.5	16.6	19.5	17.9	
36	17.5	18.6	21.5	19.9	
40	19.5	20.6	23.5	21.9	
50	24.5	25.6	28.5	26.9	
60	29.5	30.6	33.5	31.9	

## ORDER INFORMATION



© :Standard Recommend

FPC/FFC Conn.



RoHS

AMTEK CONNECTOR MANUFACTURER

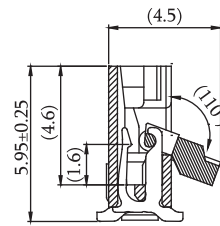
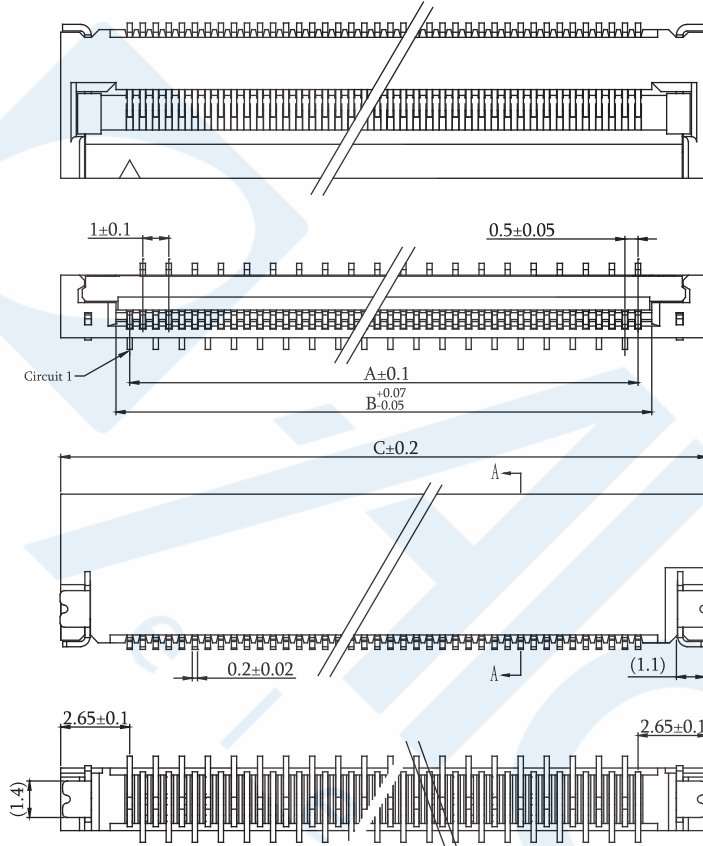
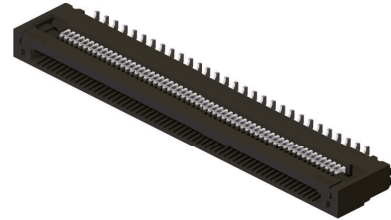
## FPC/FFC 0.5mm ZIF SMT Type Top Entry Flip H=5.95mm

### Specifications

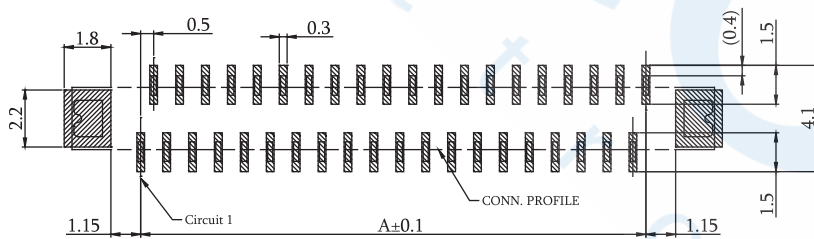
Current Rating: 0.5 AMP  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -40°C to +105°C

### Material

Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



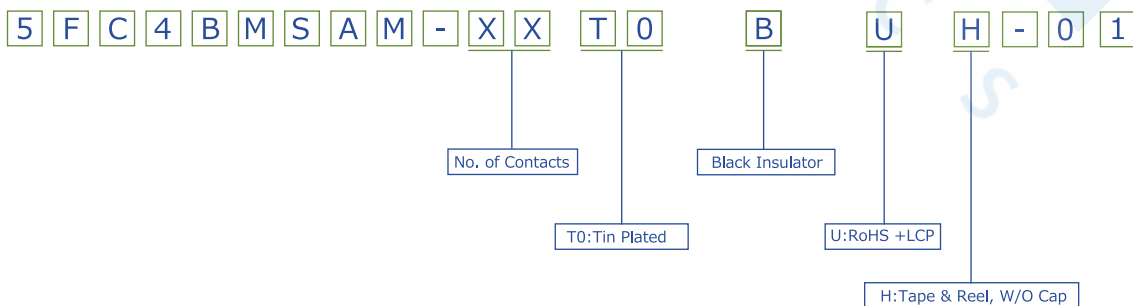
SECTION-A



Recommended PCB Layout  
 (PCB TOLERANCE  $\pm 0.05$ )

Contacts	Dim. A	Dim. B	Dim. C
6	2.5	3.6	7.8
8	3.5	4.6	8.8
10	4.5	5.6	9.8
12	5.5	6.6	10.8
14	6.5	7.6	11.8
15	7	8.1	12.3
18	8.5	9.6	13.8
20	9.5	10.6	14.8
22	10.5	11.6	15.8
24	11.5	12.6	16.8
26	12.5	13.6	17.8
30	14.5	15.6	19.8
36	17.5	18.6	22.8
40	19.5	20.6	24.8
45	22	23.1	27.3
50	24.5	25.6	29.8
55	27	28.1	32.3
60	29.5	30.6	34.8
70	34.5	35.6	39.8

## ORDER INFORMATION



©: Standard Recommend

# CONNECTORS MANUFACTURER



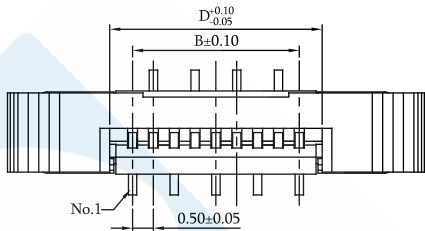
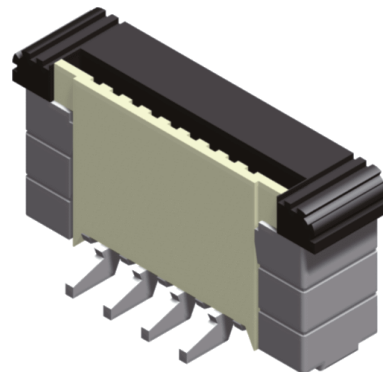
## FPC/FFC 0.5mm ZIF SMT Type Top Entry Drawer H=4.1mm

### Specifications

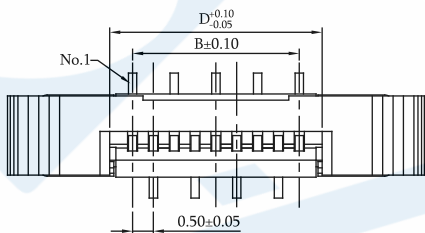
Current Rating: 0.4 AMP  
 Insulation Resistance: 50MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 250V AC for one minute  
 Operation Temperature: -55°C to +85°C

### Material

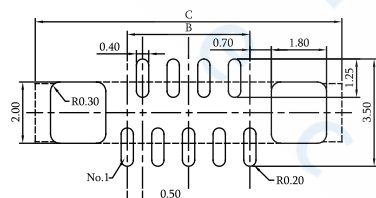
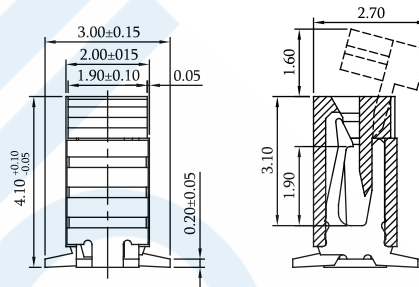
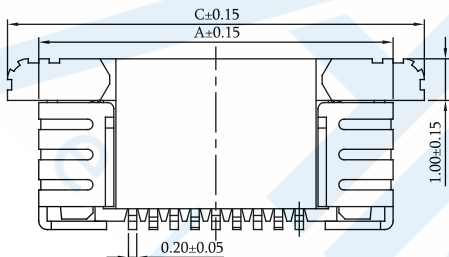
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



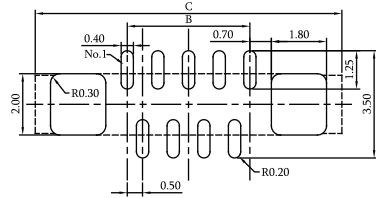
A Type



B Type



A Type

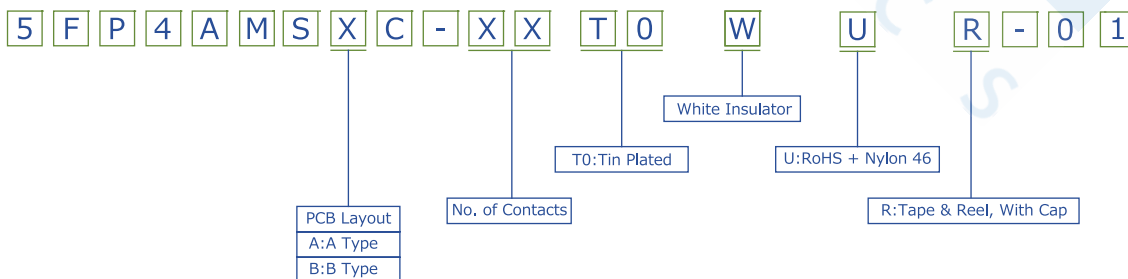


B Type

Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimension				No. of Contacts	Dimension			
	A	B	C	D		A	B	C	D
04	6.00	1.50	7.50	2.60	28	18.00	13.50	19.50	14.60
05	6.50	2.00	8.00	3.10	29	18.50	14.00	20.00	15.10
06	7.00	2.50	8.50	3.60	30	19.00	14.50	20.50	15.60
07	7.50	3.00	9.00	4.10	31	19.50	15.00	21.00	16.10
08	8.00	3.50	9.50	4.60	32	20.00	15.50	21.50	16.60
09	8.50	4.00	10.00	5.10	33	20.50	16.00	22.00	17.10
10	9.00	4.50	10.50	5.60	34	21.00	16.50	22.50	17.60
11	9.50	5.00	11.00	6.10	35	21.50	17.00	23.00	18.10
12	10.00	5.50	11.50	6.60	36	22.00	17.50	23.50	18.60
13	10.50	6.00	12.00	7.10	37	22.50	18.00	24.00	19.10
14	11.00	6.50	12.50	7.60	38	23.00	18.50	24.50	19.60
15	11.50	7.00	13.00	8.10	39	23.50	19.00	25.00	20.10
16	12.00	7.50	13.50	8.60	40	24.00	19.50	25.50	20.60
17	12.50	8.00	14.00	9.10	41	24.50	20.00	26.00	21.10
18	13.00	8.50	14.50	9.60	42	25.00	20.50	26.50	21.60
19	13.50	9.00	15.00	10.10	43	25.50	21.00	27.00	22.10
20	14.00	9.50	15.50	10.60	44	26.00	21.50	27.50	22.60
21	14.50	10.00	16.00	11.10	45	26.50	22.00	28.00	23.10
22	15.00	10.50	16.50	11.60	46	27.00	22.50	28.50	23.60
23	15.50	11.00	17.00	12.10	47	27.50	23.00	29.00	24.10
24	16.00	11.50	17.50	12.60	48	28.00	23.50	29.50	24.60
25	16.50	12.00	18.00	13.10	49	28.50	24.00	30.00	25.10
26	17.00	12.50	18.50	13.60	50	29.00	24.50	30.50	25.60
27	17.50	13.00	19.00	14.10					

## ORDER INFORMATION



☉: Standard Recommend

Old P/N: FPC4AMS1

FPC/FFC Conn.



RoHS

AMTEK CONNECTOR MANUFACTURER

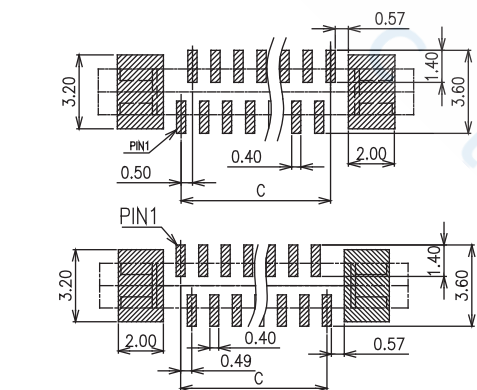
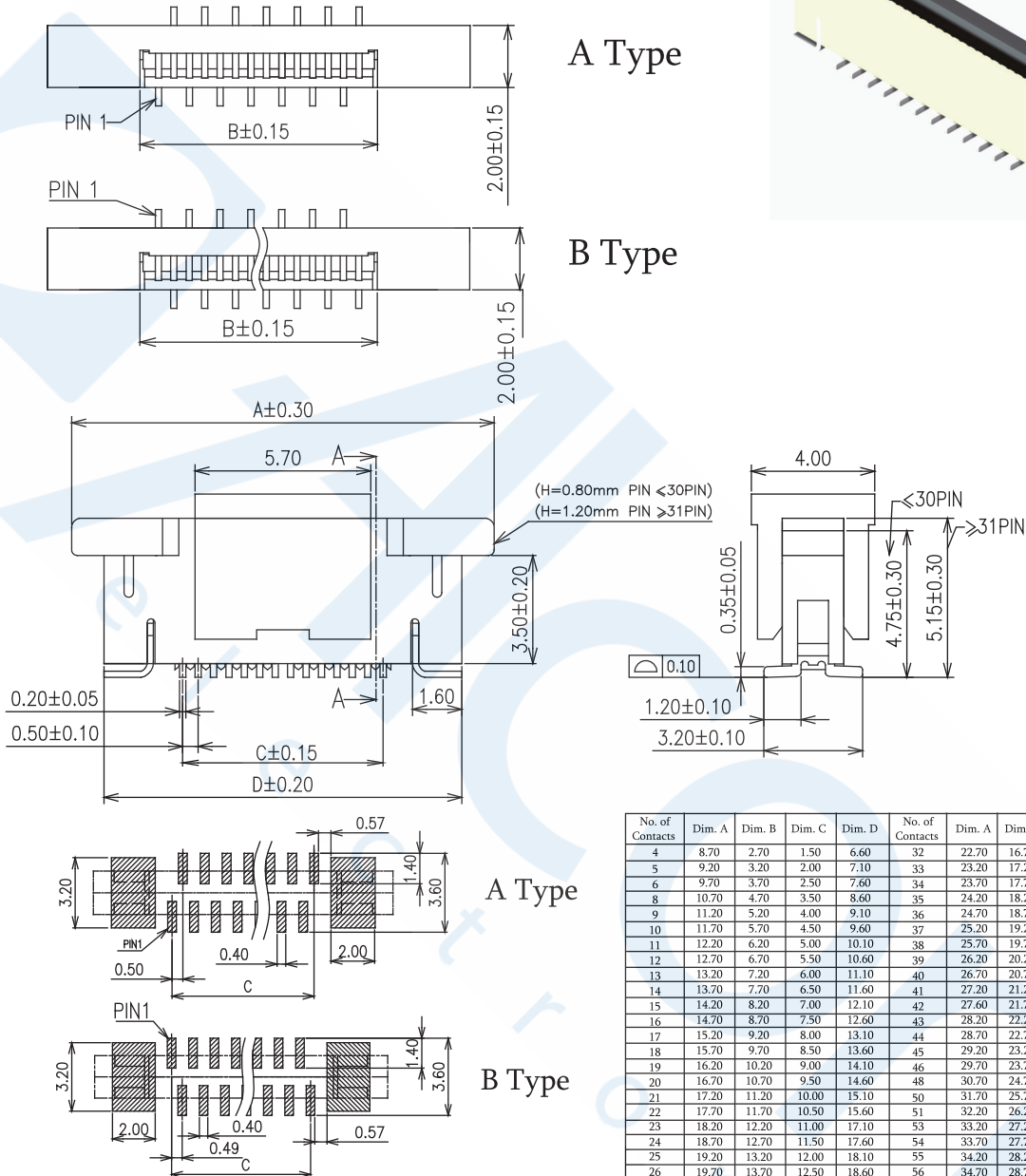
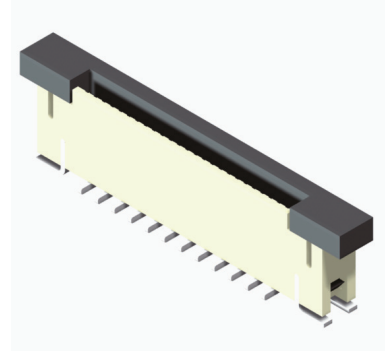
## FPC/FFC 0.5mm ZIF SMT Type Top Entry Drawer H=4.75 / 5.15mm

### Specifications

Current Rating: 0.5 AMP  
 Insulation Resistance: 100MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 250V AC for one minute  
 Operation Temperature: -20°C to +85°C

### Material

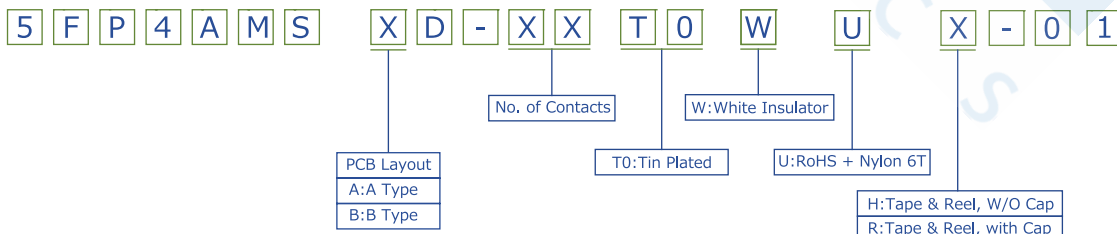
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D	No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
4	8.70	2.70	1.50	6.60	32	22.70	16.70	15.50	20.60
5	9.20	3.20	2.00	7.10	33	23.20	17.20	16.00	21.10
6	9.70	3.70	2.50	7.60	34	23.70	17.70	16.50	21.60
8	10.70	4.70	3.50	8.60	35	24.20	18.20	17.00	22.10
9	11.20	5.20	4.00	9.10	36	24.70	18.70	17.50	22.60
10	11.70	5.70	4.50	9.60	37	25.20	19.20	18.00	23.10
11	12.20	6.20	5.00	10.10	38	25.70	19.70	18.50	23.60
12	12.70	6.70	5.50	10.60	39	26.20	20.20	19.00	24.10
13	13.20	7.20	6.00	11.10	40	26.70	20.70	19.50	24.60
14	13.70	7.70	6.50	11.60	41	27.20	21.20	20.00	25.10
15	14.20	8.20	7.00	12.10	42	27.60	21.70	20.50	25.60
16	14.70	8.70	7.50	12.60	43	28.20	22.20	21.00	26.10
17	15.20	9.20	8.00	13.10	44	28.70	22.70	21.50	26.60
18	15.70	9.70	8.50	13.60	45	29.20	23.20	22.00	27.10
19	16.20	10.20	9.00	14.10	46	29.70	23.70	22.50	27.60
20	16.70	10.70	9.50	14.60	48	30.70	24.70	23.50	28.60
21	17.20	11.20	10.00	15.10	50	31.70	25.70	24.50	29.60
22	17.70	11.70	10.50	15.60	51	32.20	26.20	25.00	30.10
23	18.20	12.20	11.00	17.10	53	33.20	27.20	26.00	31.10
24	18.70	12.70	11.50	17.60	54	33.70	27.70	26.50	31.60
25	19.20	13.20	12.00	18.10	55	34.20	28.20	27.00	32.10
26	19.70	13.70	12.50	18.60	56	34.70	28.70	27.50	32.60
27	20.20	14.20	13.00	19.10	57	35.20	29.20	28.00	33.10
28	20.70	14.70	13.50	19.60	59	36.20	30.20	29.00	34.10
29	21.20	15.20	14.00	20.10	60	36.70	30.70	29.50	34.60
30	21.70	15.70	14.50	20.60	61	37.20	31.20	30.00	35.10
31	22.20	16.20	15.00	21.10					

## ORDER INFORMATION



# CONNECTORS MANUFACTURER



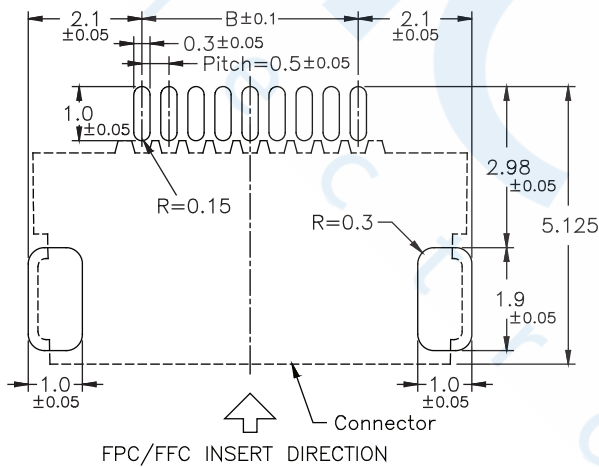
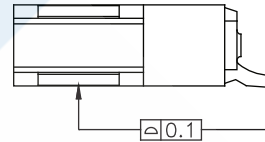
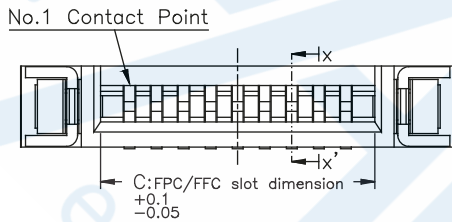
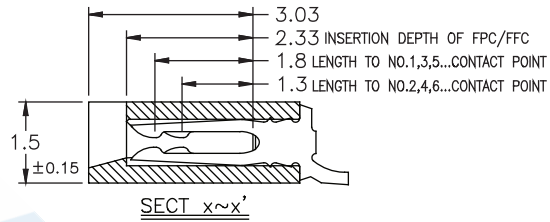
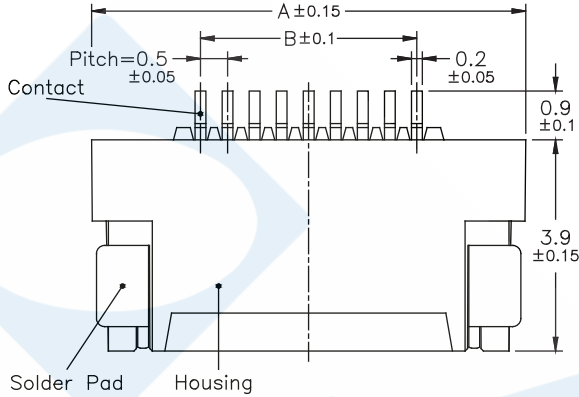
## FPC/FFC 0.5mm Non ZIF SMT R/A Type Side Entry H=1.5mm

### Specifications

Current Rating:0.4 AMP  
 Insulation Resistance:50MΩ Min.  
 Contact Resistance:30mΩ Max.  
 Dielectric Voltage:250V AC for one minute  
 Operation Temperature:-55°C to +85°C

### Material

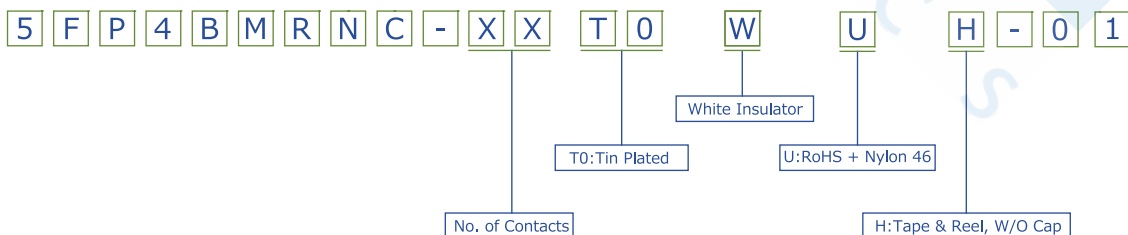
Insulator:High Temperature Thermoplastic, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
4	5.53	1.5	2.57
6	6.53	2.5	3.57
8	7.53	3.5	4.57
10	8.53	4.5	5.57
12	9.53	5.5	6.57
14	10.53	6.5	7.57
16	11.53	7.5	8.57
18	12.53	8.5	9.57
20	13.53	9.5	10.57
24	15.53	11.5	12.57
26	16.53	12.5	13.57
30	18.53	14.5	15.57
40	23.53	19.5	20.57
50	28.53	24.5	25.57
54	30.53	26.5	27.57
60	33.53	29.5	30.57

## ORDER INFORMATION



○:Standard Recommend

Old P/N:FPC4BMR1A



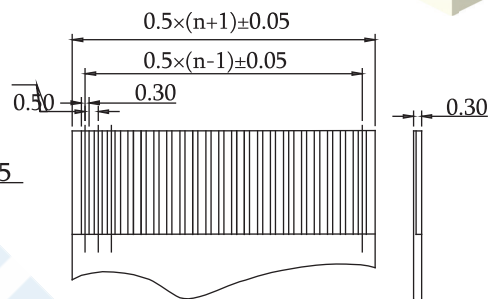
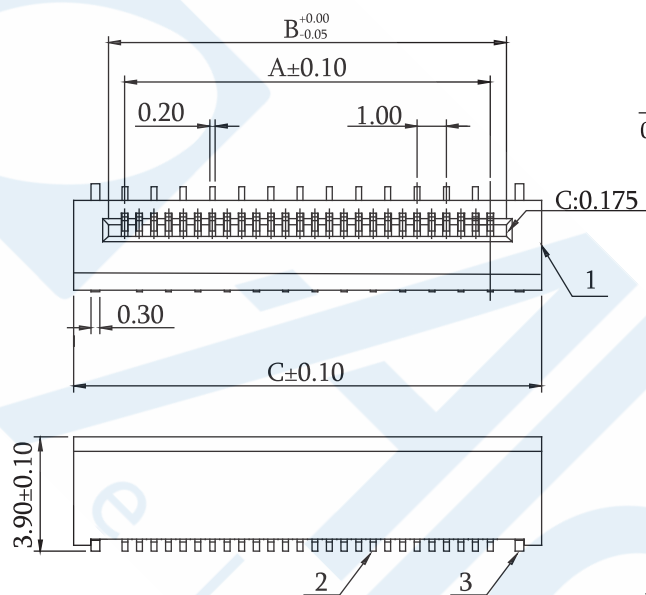
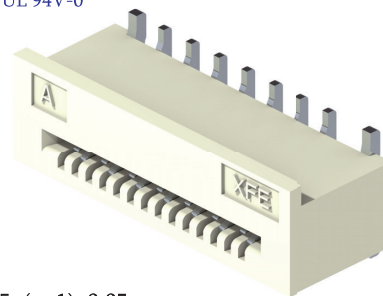
## FPC/FFC 0.5mm Non ZIF SMT Type Top Entry H=3.9mm

### Specifications

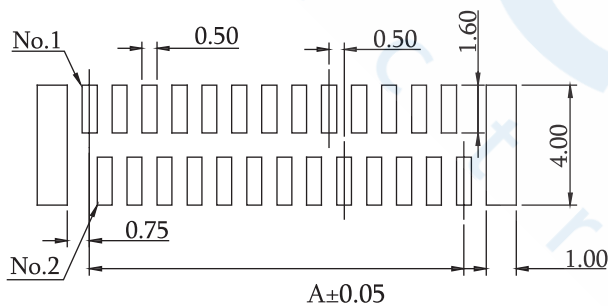
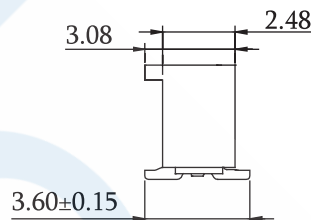
Current Rating:0.5 AMP  
 Voltage Rating:50V AC/DC  
 Insulation Resistance:50MΩ Min.  
 Contact Resistance:40mΩ Max.  
 Dielectric Voltage:500V AC for one minute  
 Operation Temperature:-25°C to +85°C

### Material

Insulator:High Temperature Thermoplastic, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated



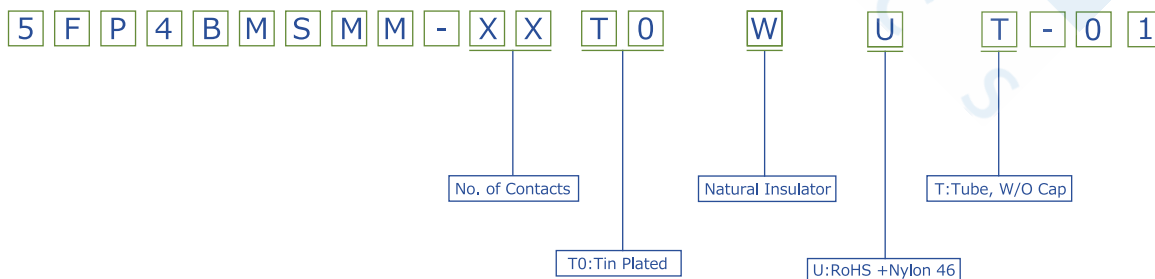
FFC/FFC Dimension



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
04	1.5	2.6	5.0	23	11.0	12.1	14.5
05	2.0	3.1	5.5	24	11.5	12.6	15.0
06	2.5	3.6	6.0	25	12.0	13.1	15.5
07	3.0	4.1	6.5	26	12.5	13.6	16.0
08	3.5	4.6	7.0	27	13.0	14.1	16.5
09	4.0	5.1	7.5	28	13.5	14.6	17.0
10	4.5	5.6	8.0	29	14.0	15.1	17.5
11	5.0	6.1	8.5	30	14.5	15.6	18.0
12	5.5	6.6	9.0	31	15.0	16.1	18.5
13	6.0	7.1	9.5	32	15.5	16.6	19.0
14	6.5	7.6	10.0	33	16.0	17.1	19.5
15	7.0	8.1	10.5	34	16.5	17.6	20.0
16	7.5	8.6	11.0	35	17.0	18.1	20.5
17	8.0	9.1	11.5	36	17.5	18.6	21.0
18	8.5	9.6	12.0	37	18.0	19.1	21.5
19	9.0	10.1	12.5	38	18.5	19.6	22.0
20	9.5	10.6	13.0	39	19.0	20.1	22.5
21	10.0	11.1	13.5	40	19.5	20.6	23.0
22	10.5	11.6	14.0				

## ORDER INFORMATION



©:Standard Recommend

# CONNECTORS MANUFACTURER



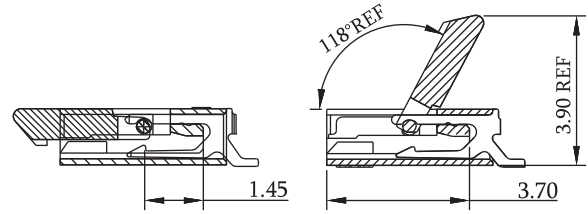
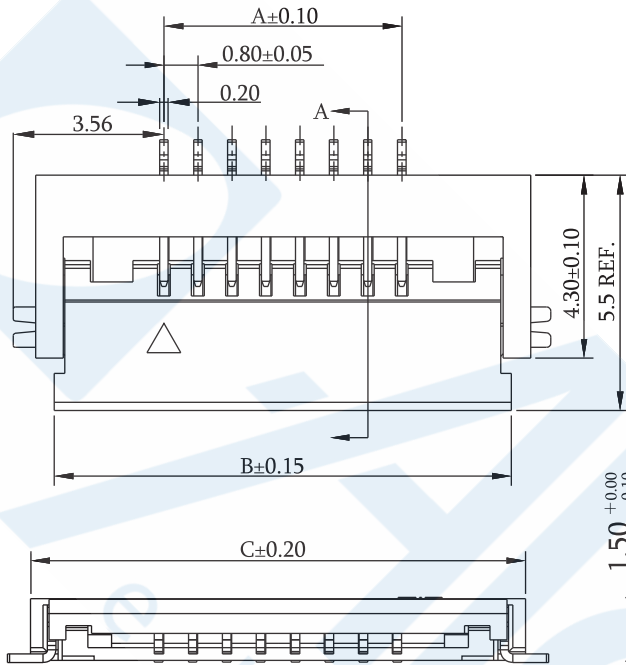
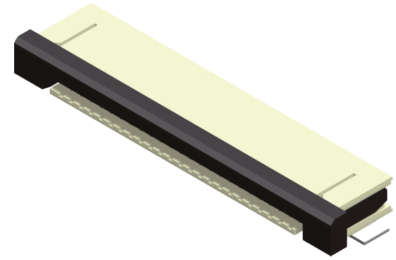
## FPC/FFC 0.8mm ZIF SMT R/A Type Side Entry Flip H=1.5mm

### Specifications

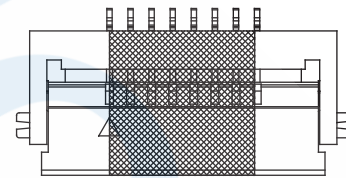
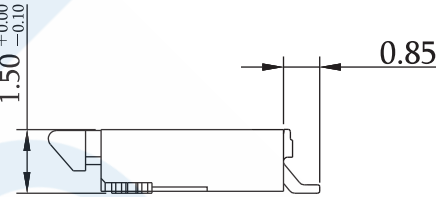
Current Rating: 0.5 AMP  
 Voltage Rating: 50V AC,DC  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -25°C to +85°C

### Material

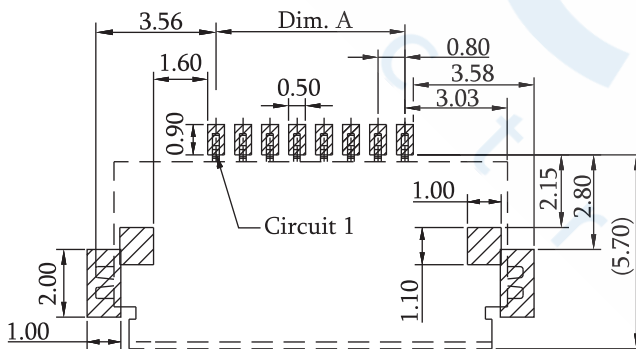
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



SECTION A-A



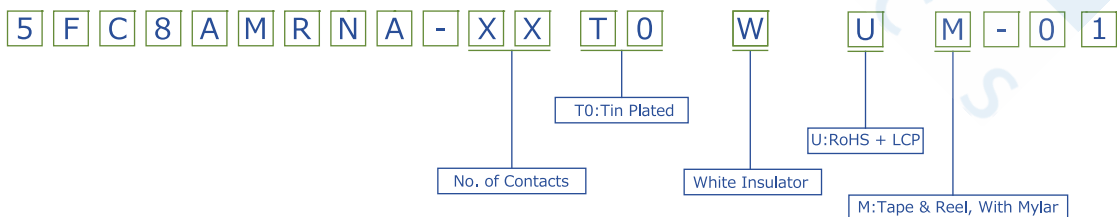
With Mylar



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
24	18.40	23.56	24.46
26	20.00	25.16	26.06
30	23.20	28.36	29.26
32	24.80	29.96	30.86

## ORDER INFORMATION



FPC/FFC Conn.



ROHS

AMTEK CONNECTOR MANUFACTURER

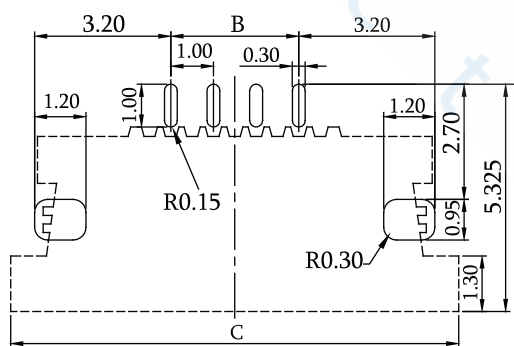
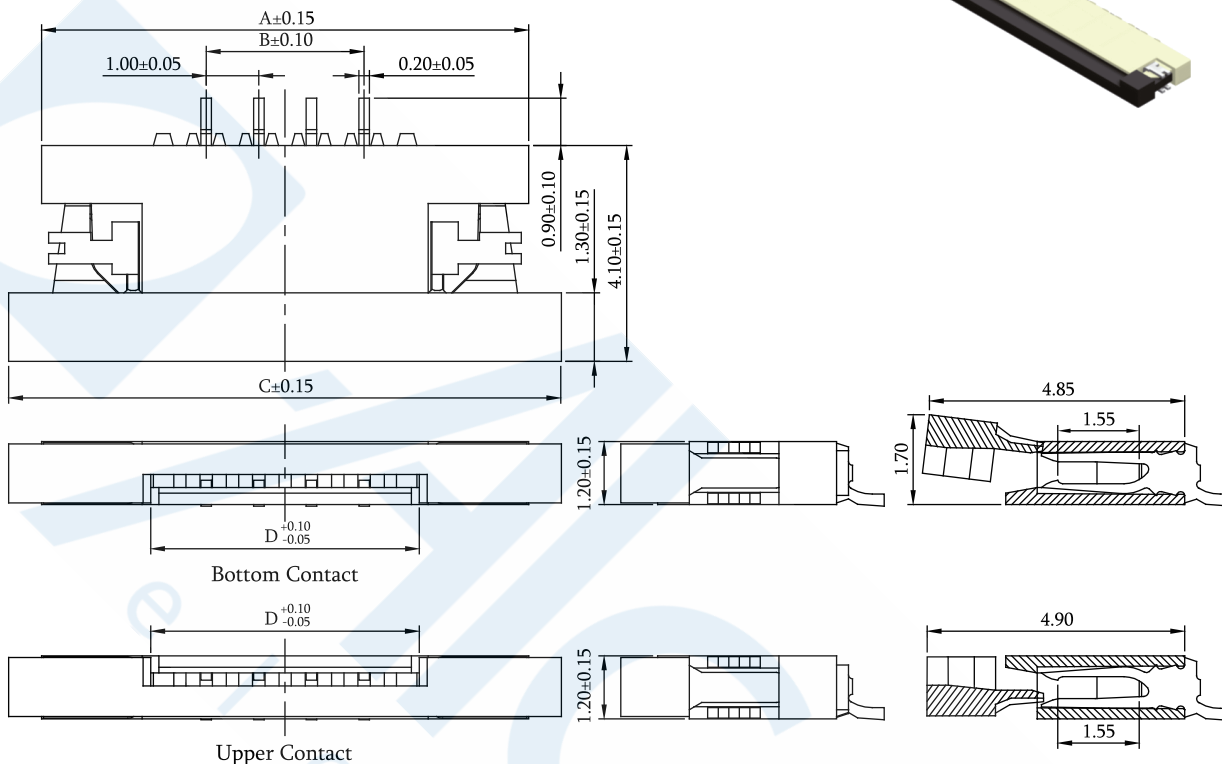
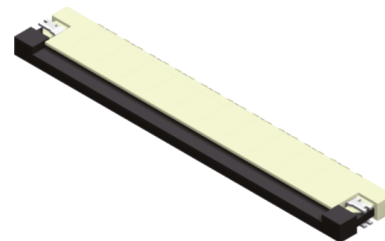
## FPC/FFC 1.0mm Slim SMT R/A Type Side Entry Drawer H=1.2mm

### Specifications

Current Rating: 0.5 AMP  
 Voltage Rating: 50V AC, DC  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -55°C to +85°C

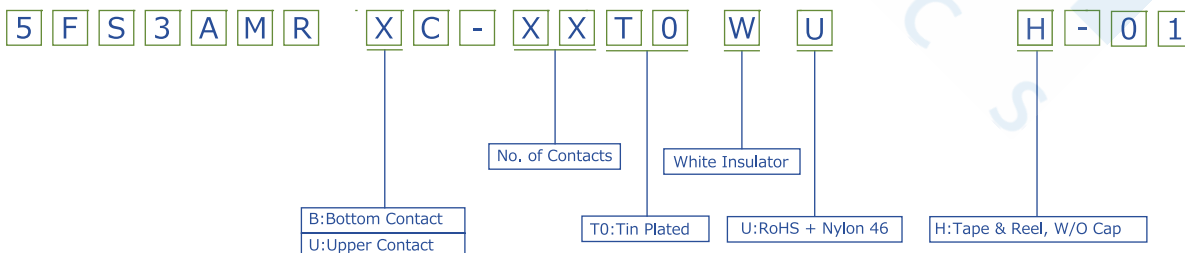
### Material

Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



No. of Contacts	Dimensions			
	A	B	C	D
04	9.25	3.00	10.50	5.10
05	10.25	4.00	11.50	6.10
06	11.25	5.00	12.50	7.10
07	12.25	6.00	13.50	8.10
08	13.25	7.00	14.50	9.10
10	15.25	9.00	16.50	11.10
12	17.25	11.00	18.50	13.10
14	19.25	13.00	20.50	15.10
16	21.25	15.00	22.50	17.10
18	23.25	17.00	24.50	19.10
20	25.25	19.00	26.50	21.10
24	29.25	23.00	30.50	25.10

## ORDER INFORMATION



# CONNECTORS MANUFACTURER



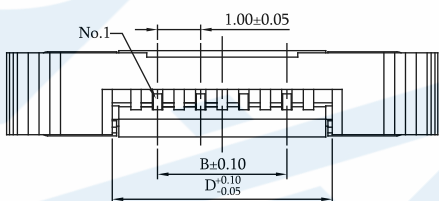
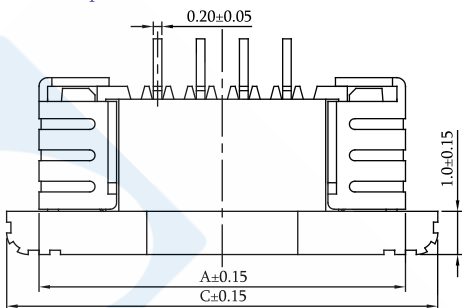
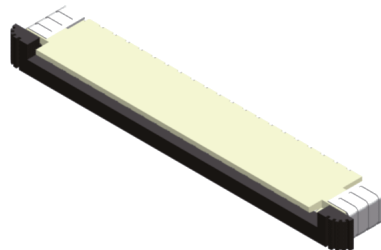
## FPC/FFC 1.0mm ZIF SMT R/A Type Side Entry Drawer H=2.0mm

### Specifications

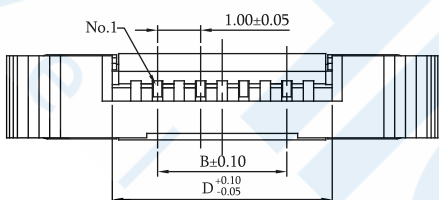
Current Rating: 0.5 AMP  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -55°C to +85°C

### Material

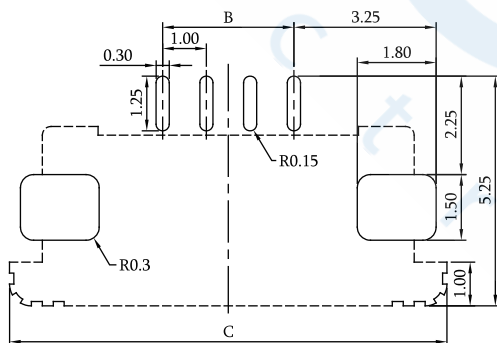
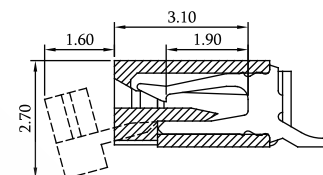
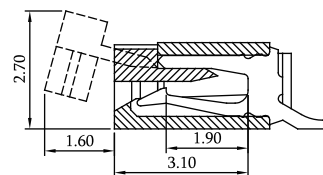
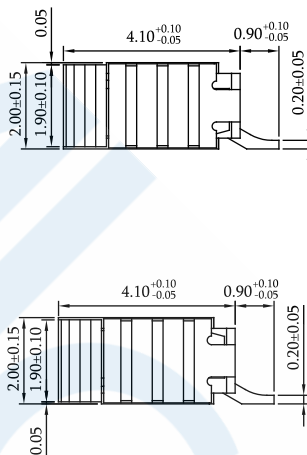
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Gold / Tin Plated



Bottom Contact



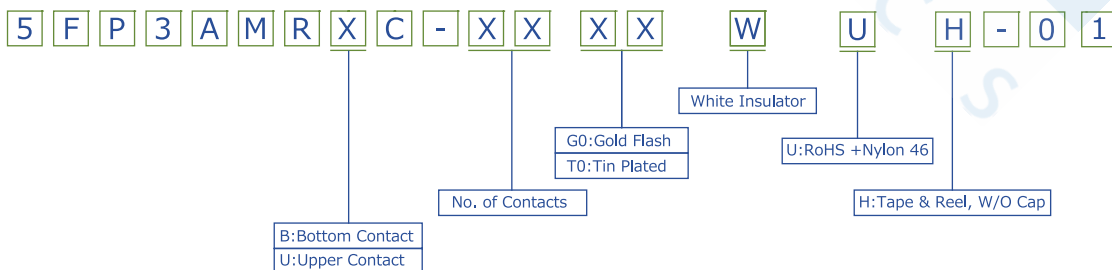
Upper Contact



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimension			
	A	B	C	D
4	8.50	3.00	10.00	5.10
5	9.50	4.00	11.00	6.10
6	10.50	5.00	12.00	7.10
7	11.50	6.00	13.00	8.10
8	12.50	7.00	14.00	9.10
9	13.50	8.00	15.00	10.10
10	14.50	9.00	16.00	11.10
11	15.50	10.00	17.00	12.10
12	16.50	11.00	18.00	13.10
13	17.50	12.00	19.00	14.10
14	18.50	13.00	20.00	15.10
15	19.50	14.00	21.00	16.10
16	20.50	15.00	22.00	17.10
17	21.50	16.00	23.00	18.10
18	22.50	17.00	24.00	19.10
19	23.50	18.00	25.00	20.10
20	24.50	19.00	26.00	21.10
21	25.50	20.00	27.00	22.10
22	26.50	21.00	28.00	23.10
23	27.50	22.00	29.00	24.10
24	28.50	23.00	30.00	25.10

## ORDER INFORMATION



©: Standard Recommend

Old P/N: FPC3AMR1

AMTEK CONNECTOR MANUFACTURER

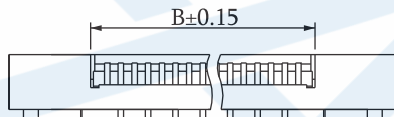
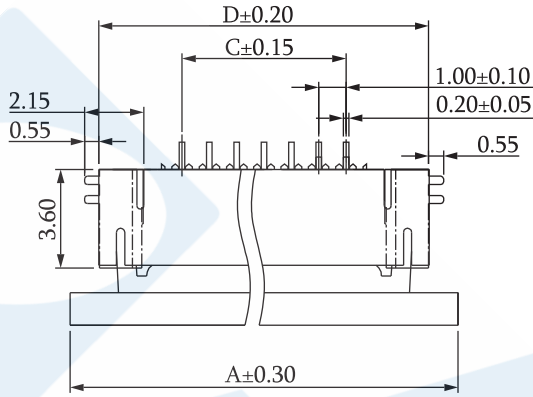
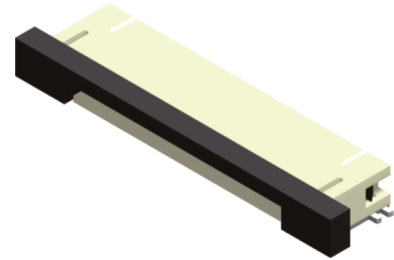
## FPC/FFC 1.0mm ZIF SMT R/A Type Side Entry Drawer H=2.3mm

### Specifications

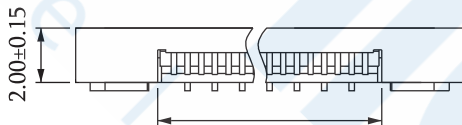
Current Rating:0.5 AMP  
 Insulation Resistance:100MΩ Min.  
 Contact Resistance:30mΩ Max.  
 Dielectric Voltage:250V AC for one minute  
 Operation Temperature:-20°C to +85°C

### Material

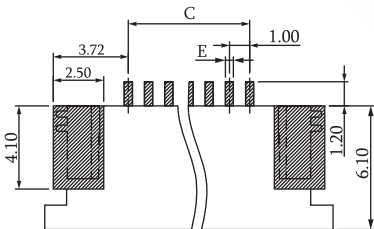
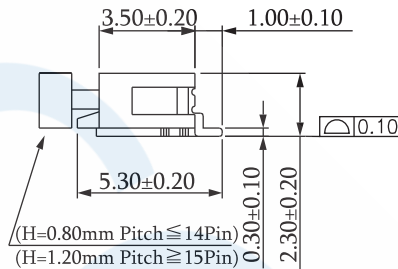
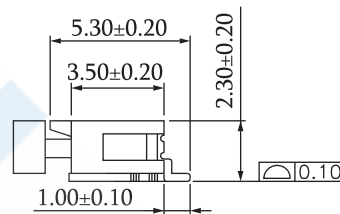
Insulator:High Temperature Thermoplastic, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated



Upper Contact



Bottom Contact

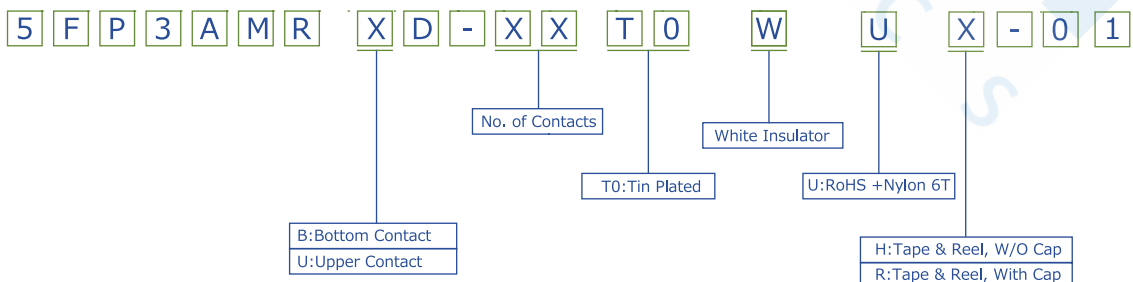


Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

Part No.	Dim. E
5FP3AMRUD-XX-01	0.30
5FP3AMRBD-XX-01	0.40

No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D	No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
02	9.20	3.20	1.00	7.10	17	24.20	18.20	1.00	7.10
04	11.20	5.20	3.00	9.10	18	25.20	19.20	3.00	9.10
05	12.20	6.20	4.00	10.10	19	26.20	20.20	4.00	10.10
06	13.20	7.20	5.00	11.10	20	27.20	21.20	5.00	11.10
07	14.20	8.20	6.00	12.10	21	28.20	22.20	6.00	12.10
08	15.20	9.20	7.00	13.10	22	29.20	23.20	7.00	13.10
09	16.20	10.20	8.00	14.10	24	31.20	25.20	8.00	14.10
10	17.20	11.20	9.00	15.10	25	32.20	26.20	9.00	15.10
11	18.20	12.20	10.00	16.10	26	33.20	27.20	10.00	16.10
12	19.20	13.20	11.00	17.10	27	34.20	28.20	11.00	17.10
13	20.20	14.20	12.00	18.10	28	35.20	29.20	12.00	18.10
14	21.20	15.20	13.00	19.10	29	36.20	30.20	13.00	19.10
15	22.20	16.20	14.00	20.10	30	37.20	31.20	14.00	20.10
16	23.20	17.20	15.00	21.10					

## ORDER INFORMATION



# CONNECTORS MANUFACTURER



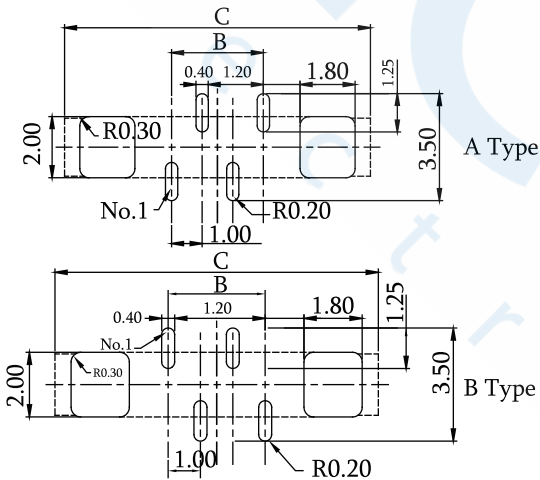
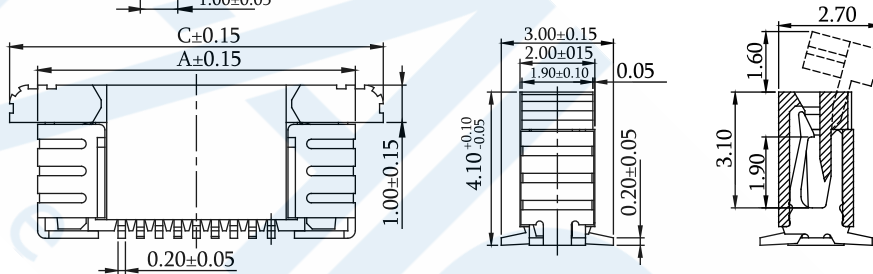
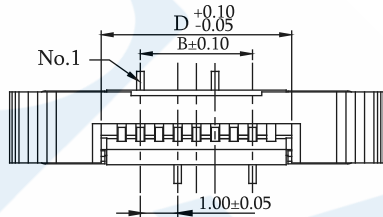
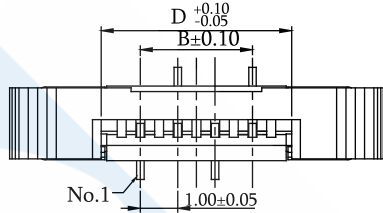
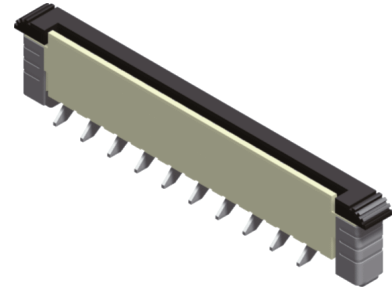
## FPC/FFC 1.0mm ZIF SMT Type Top Entry Drawer H=4.1mm

### Specifications

Current Rating: 0.5 AMP  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -55°C to +85°C

### Material

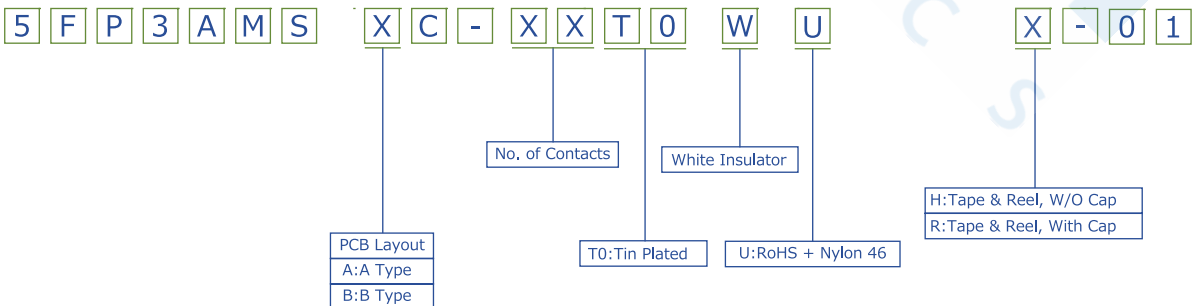
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			
	A	B	C	D
04	8.50	3.00	10.00	5.10
05	9.50	4.00	11.00	6.10
06	10.50	5.00	12.00	7.10
07	11.50	6.00	13.00	8.10
08	12.50	7.00	14.00	9.10
09	13.50	8.00	15.00	10.10
10	14.50	9.00	16.00	11.10
11	15.50	10.00	17.00	12.10
12	16.50	11.00	18.00	13.10
13	17.50	12.00	19.00	14.10
14	18.50	13.00	20.00	15.10
15	19.50	14.00	21.00	16.10
16	20.50	15.00	22.00	17.10
17	21.50	16.00	23.00	18.10
18	22.50	17.00	24.00	19.10
19	23.50	18.00	25.00	20.10
20	24.50	19.00	26.00	21.10
21	25.50	20.00	27.00	22.10
22	26.50	21.00	28.00	23.10
23	27.50	22.00	29.00	24.10
24	28.50	23.00	30.00	25.10

## ORDER INFORMATION



FPC/FFC Conn.

Pb

ROHS

AMTEK CONNECTOR MANUFACTURER

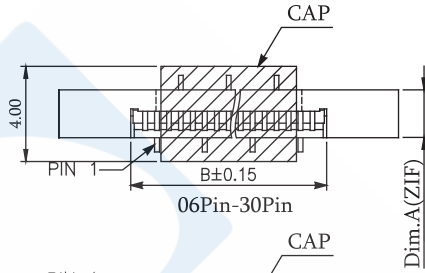
## FPC/FFC 1.0mm ZIF SMT Type Top Entry Drawer H=6.15mm

### Specifications

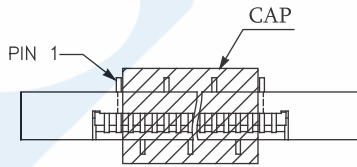
Current Rating: 0.5 AMP  
 Insulation Resistance: 100MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 250V AC for one minute  
 Operation Temperature: -20°C to +85°C

### Material

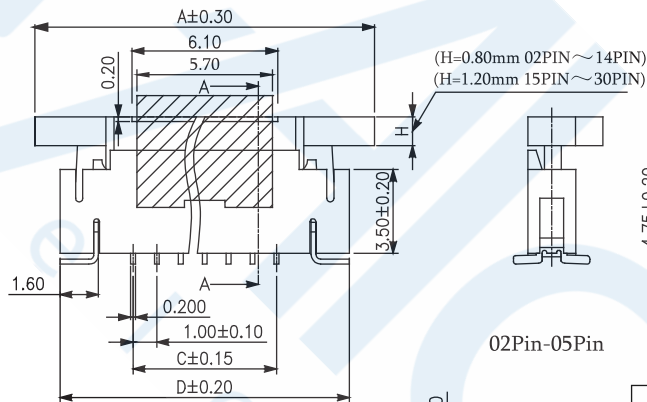
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



A Type

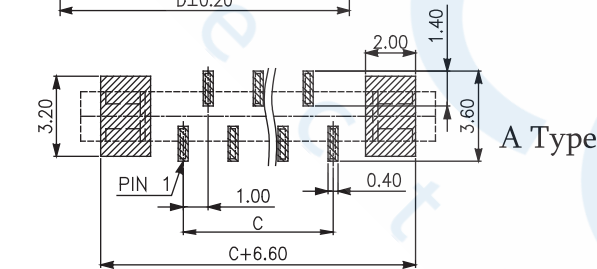
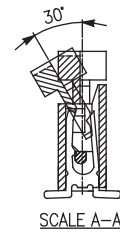
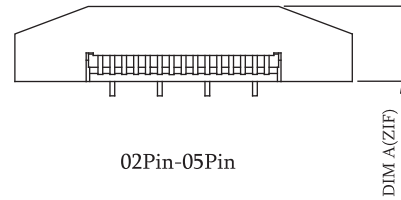
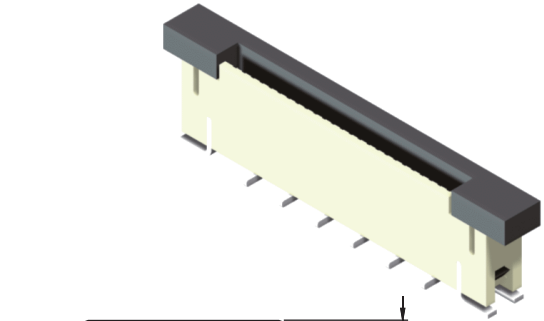


B Type

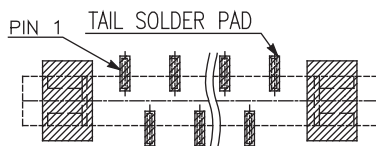


02Pin-05Pin

06Pin-30Pin



A Type

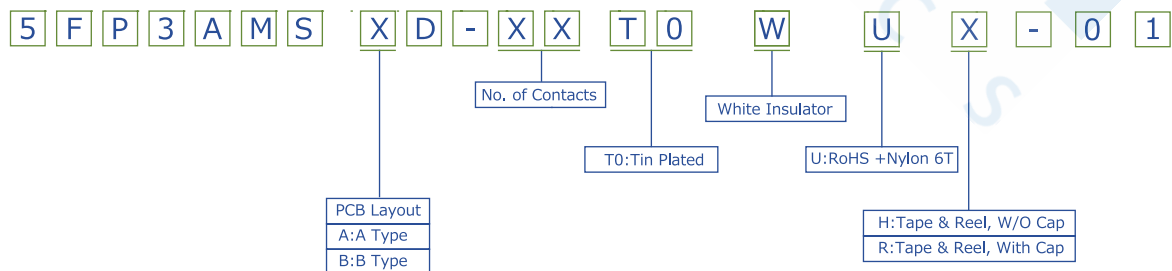


B Type

Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
02	9.20	3.20	1.00	7.10
04	11.20	5.20	3.00	9.10
05	12.20	6.20	4.00	10.10
06	13.20	7.20	5.00	11.10
07	14.20	8.20	6.00	12.10
08	15.20	9.20	7.00	13.10
09	16.20	10.20	8.00	14.10
10	17.20	11.20	9.00	15.10
11	18.20	12.20	10.00	16.10
12	19.20	13.20	11.00	17.10
13	20.20	14.20	12.00	18.10
14	21.20	15.20	13.00	19.10
15	22.20	16.20	14.00	20.10
16	23.20	17.20	15.00	21.10
17	24.20	18.20	16.00	22.10
18	25.20	19.20	17.00	23.10
19	26.20	20.20	18.00	24.10
20	27.20	21.20	19.00	25.10
21	28.20	22.20	20.00	26.10
22	29.20	23.20	21.00	27.10
24	31.20	25.20	23.00	29.10
25	32.20	26.20	24.00	30.10
26	33.20	27.20	25.00	31.10
27	34.20	28.20	26.00	32.10
28	35.20	29.20	27.00	33.10
29	36.20	30.20	28.00	34.10
30	37.20	31.20	29.00	35.10

## ORDER INFORMATION



# CONNECTORS MANUFACTURER



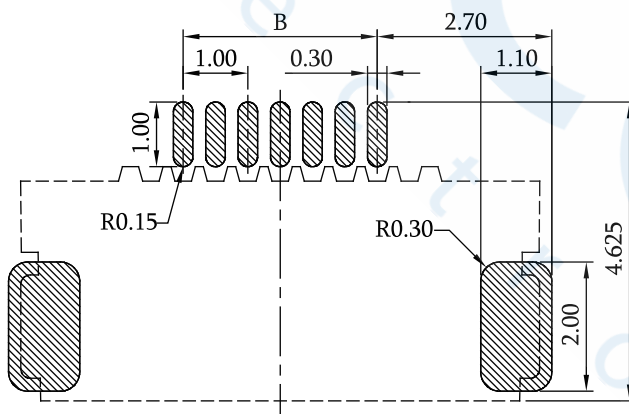
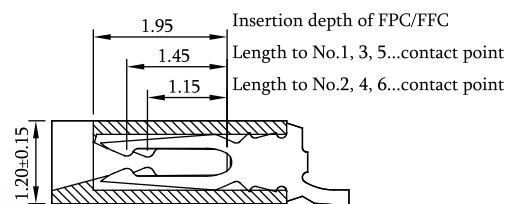
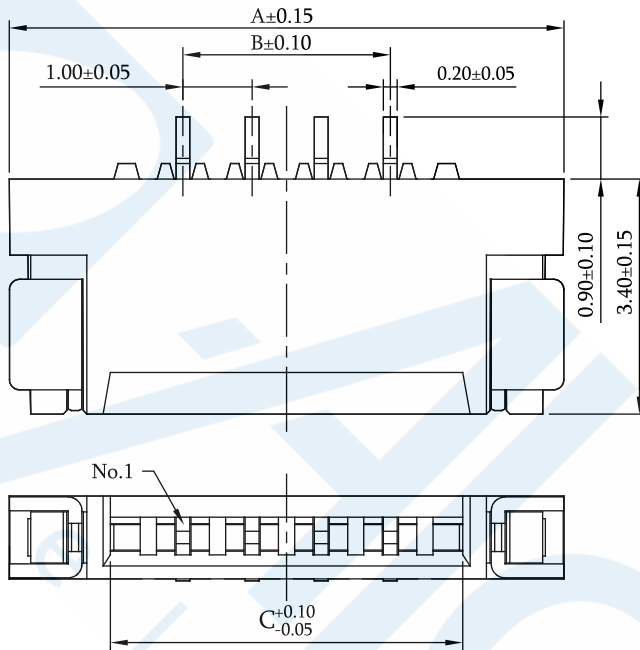
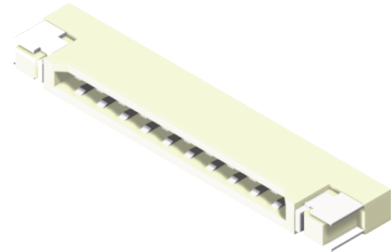
## FPC/FFC 1.0mm Non ZIF SMT R/A Type Side Entry H=1.2mm

### Specifications

Current Rating: 0.5 AMP  
 Voltage Rating: 50V AC, DC  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -55°C to +85°C

### Material

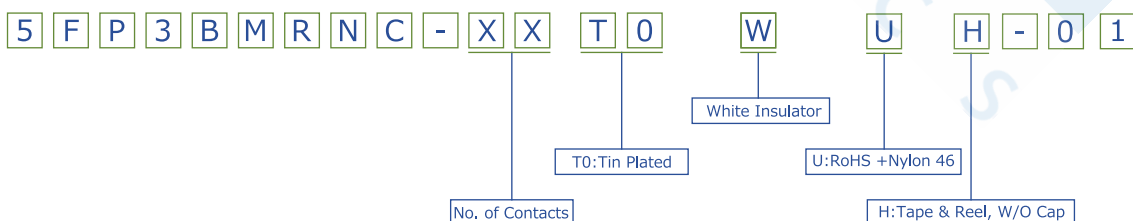
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
04	8.03	3.00	5.10
05	9.03	4.00	6.10
06	10.03	5.00	7.10
07	11.03	6.00	8.10
08	12.03	7.00	9.10
09	13.03	8.00	10.10
10	14.03	9.00	11.10
11	15.03	10.00	12.10
12	16.03	11.00	13.10
13	17.03	12.00	14.10
14	18.03	13.00	15.10
15	19.03	14.00	16.10
16	20.03	15.00	17.10
17	21.03	16.00	18.10
18	22.03	17.00	19.10
19	23.03	18.00	20.10
20	24.03	19.00	21.10
21	25.03	20.00	22.10
22	26.03	21.00	23.10
23	27.03	22.00	24.10
24	28.03	23.00	25.10

## ORDER INFORMATION



◎: Standard Recommend

Old P/N: FPC3BMR1A



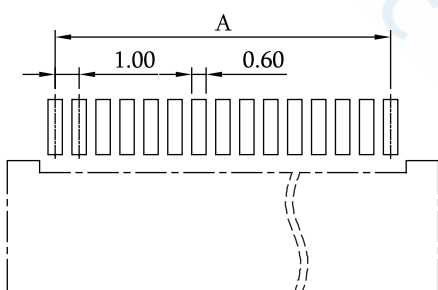
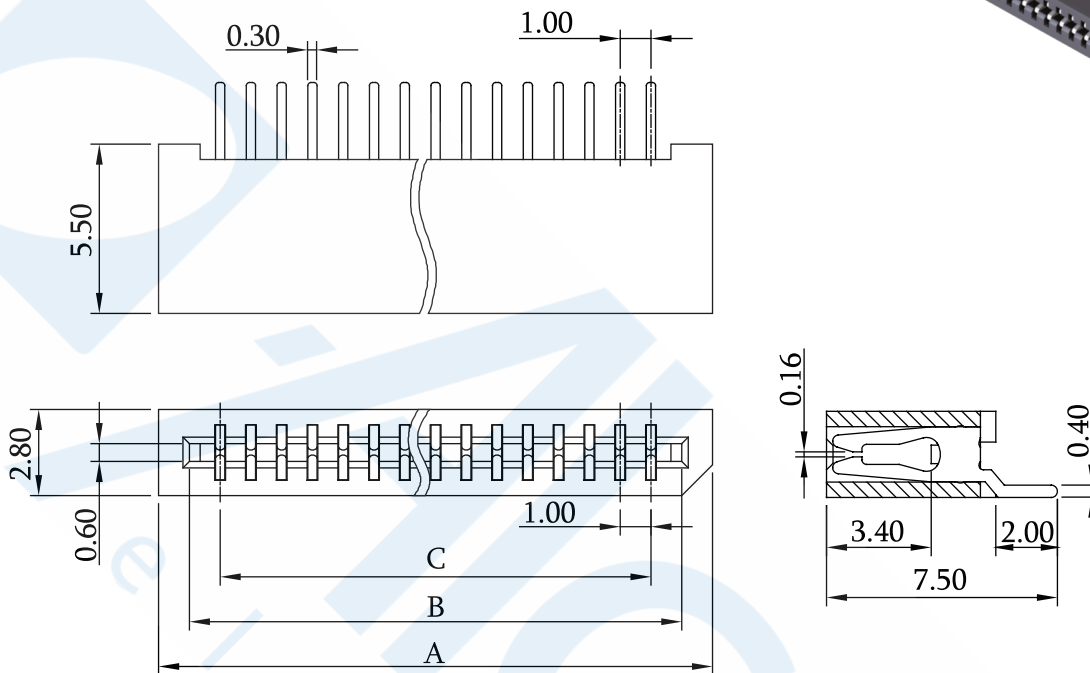
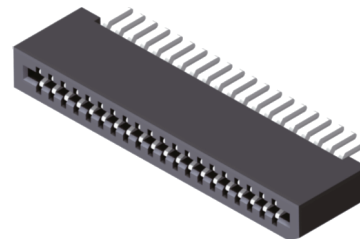
## FPC/FFC 1.0mm Non ZIF SMT R/A Type Side Entry H=2.8mm

### Specifications

Current Rating:1 AMP  
 Insulation Resistance:500MΩ Min.  
 Contact Resistance:30mΩ Max.  
 Dielectric Voltage:500V AC for one minute  
 Operation Temperature:-25°C to +85°C

### Material

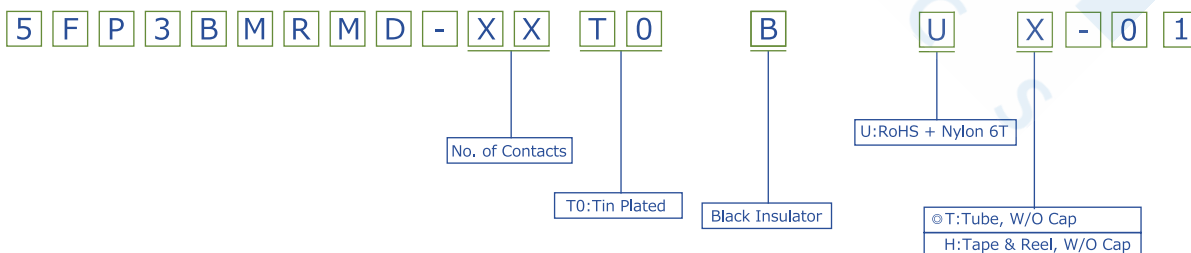
Insulator:High Temperature Thermoplastic, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
03	6.00	4.10	2.00	18	21.00	19.10	17.00
04	7.00	5.10	3.00	19	22.00	20.10	18.00
05	8.00	6.10	4.00	20	23.00	21.10	19.00
06	9.00	7.10	5.00	21	24.00	22.10	20.00
07	10.00	8.10	6.00	22	25.00	23.10	21.00
08	11.00	8.10	7.00	23	26.00	24.10	22.00
09	12.00	10.10	8.00	24	27.00	25.10	23.00
10	13.00	11.10	9.00	25	28.00	26.10	24.00
11	14.00	12.10	10.00	26	29.00	27.10	25.00
12	15.00	13.10	11.00	27	30.00	28.10	26.00
13	16.00	14.10	12.00	28	31.00	29.10	27.00
14	17.00	15.10	13.00	29	32.00	30.10	28.00
15	18.00	16.10	14.00	30	33.00	31.10	29.00
16	19.00	17.10	15.00	32	35.00	33.10	31.00
17	20.00	18.10	16.00	33	36.00	34.10	32.00

## ORDER INFORMATION



# CONNECTORS MANUFACTURER



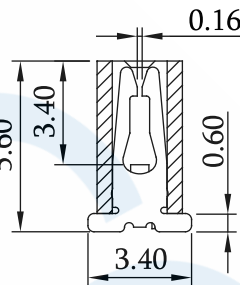
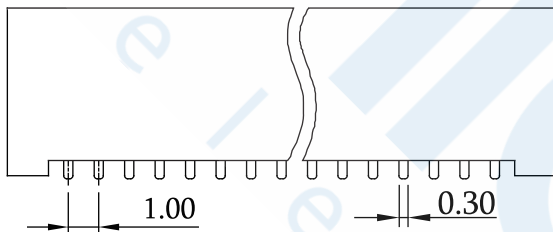
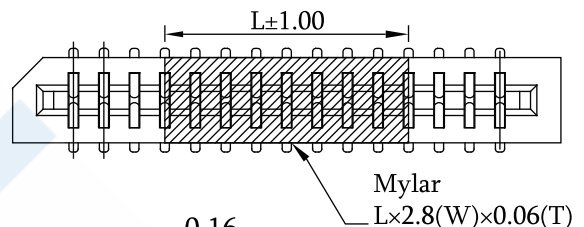
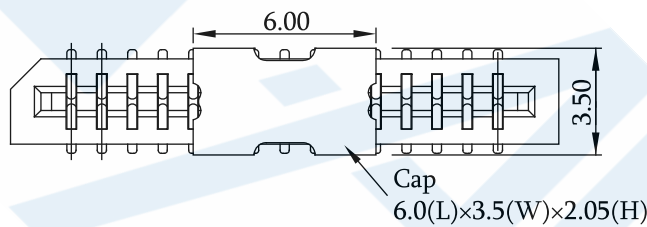
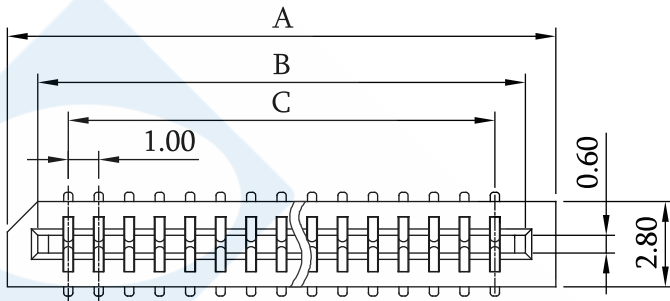
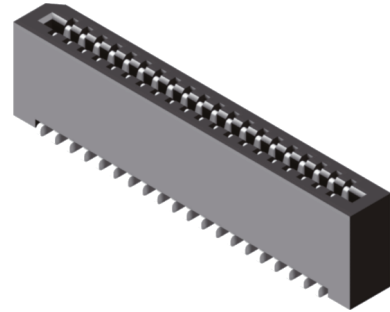
## FPC/FFC 1.0mm Non ZIF SMT Type Top Entry H=5.6mm

### Specifications

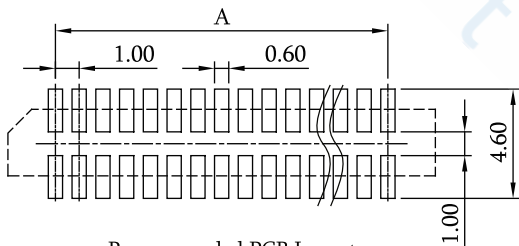
Current Rating: 1.0 AMP  
 Insulation Resistance :500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -25°C to +85°C

### Material

Insulator:High Temperature Thermoplastic, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated



No. of Contacts	Dimension
	L
03-05	4.0
06-13	8.0
14-32	12.0



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
03	6.00	4.10	2.00	18	21.00	19.10	17.00
04	7.00	5.10	3.00	19	22.00	20.10	18.00
05	8.00	6.10	4.00	20	23.00	21.10	19.00
06	9.00	7.10	5.00	21	24.00	22.10	20.00
07	10.00	8.10	6.00	22	25.00	23.10	21.00
08	11.00	8.10	7.00	23	26.00	24.10	22.00
09	12.00	10.10	8.00	24	27.00	25.10	23.00
10	13.00	11.10	9.00	25	28.00	26.10	24.00
11	14.00	12.10	10.00	26	29.00	27.10	25.00
12	15.00	13.10	11.00	27	30.00	28.10	26.00
13	16.00	14.10	12.00	28	31.00	29.10	27.00
14	17.00	15.10	13.00	29	32.00	30.10	28.00
15	18.00	16.10	14.00	30	33.00	31.10	29.00
16	19.00	17.10	15.00	31	34.00	32.10	30.00
17	20.00	18.10	16.00	32	35.00	33.10	31.00

## ORDER INFORMATION

5 F P 3 B M S M D - X X T 0 B U X - 0 1

No. of Contacts

T0: Tin Plated

Black Insulator

U: RoHS + Nylon 6T

- ⊙ T: Tube, W/O Cap
- C: Tube, With Cap
- F: Tube, With Mylar
- H: Tape & Reel, W/O Cap
- R: Tape & Reel, With Cap
- M: Tape & Reel, With Mylar

⊙: Standard Recommend

Old P/N: FPC3BMS6

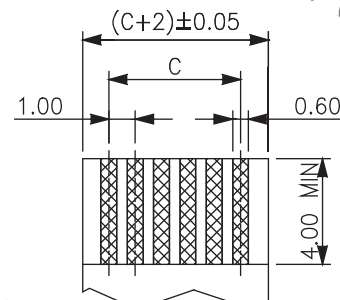
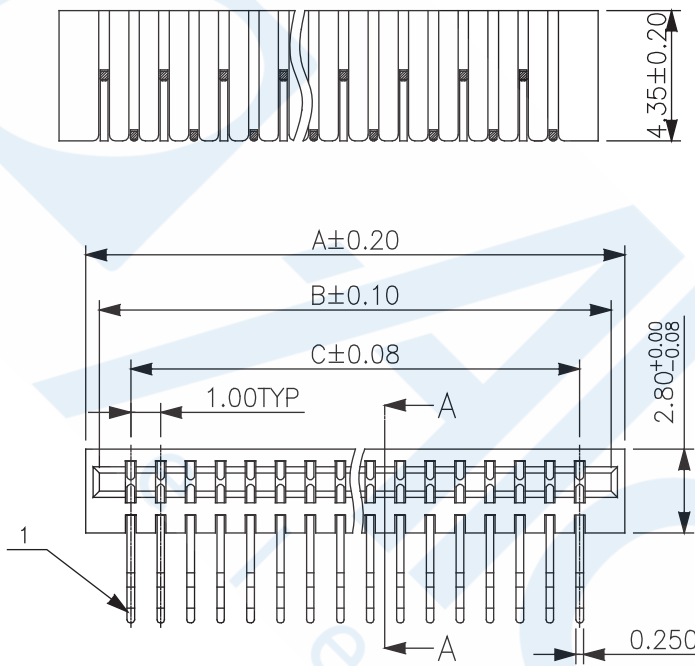
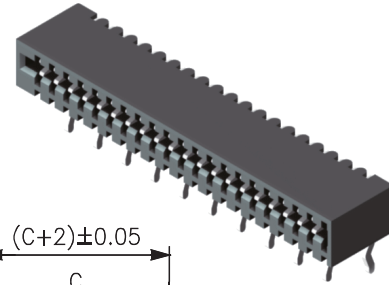
## FPC/FFC 1.0mm Non ZIF Right Angle Type Side Entry H=2.8mm

### Specifications

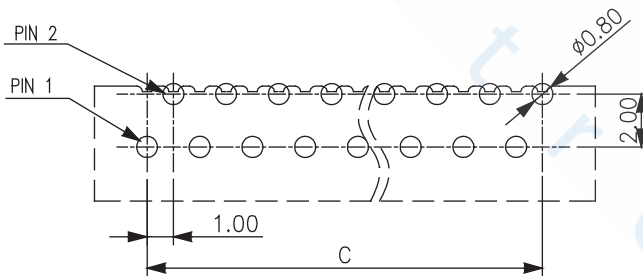
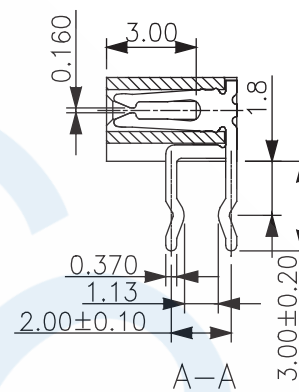
Current Rating: 1 AMP  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -25°C to +85°C

### Material

Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



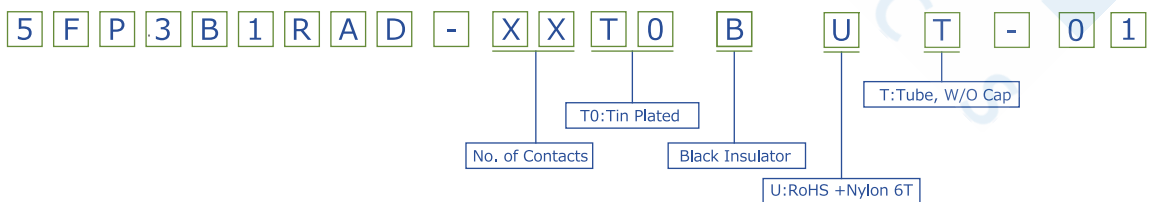
FPC/FFC T=0.30±0.05



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
06	8.00	7.10	5.00
08	10.00	9.10	7.00
10	12.00	11.10	9.00
14	16.00	15.10	13.00
16	18.00	17.10	15.00
18	20.00	19.10	17.00

## ORDER INFORMATION



# CONNECTORS MANUFACTURER



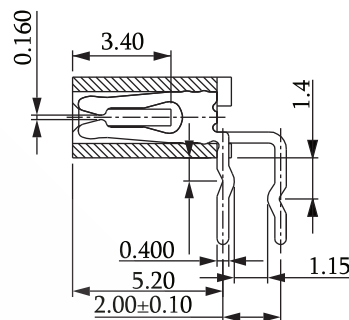
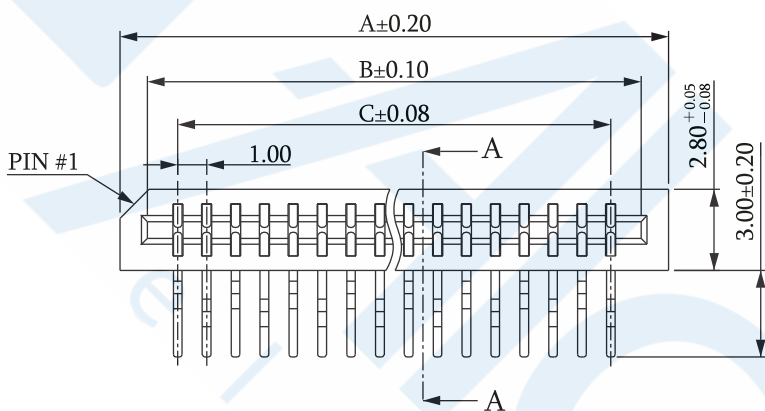
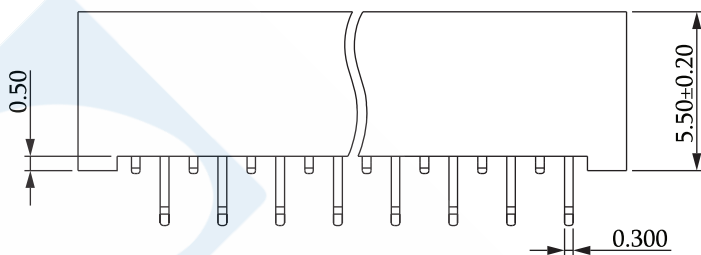
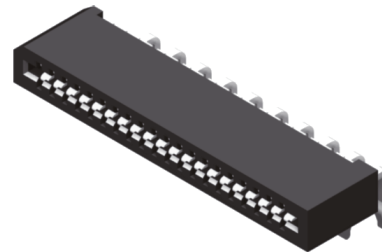
## FPC/FFC 1.0mm Non ZIF Right Angle Type Side Entry H=2.8mm

### Specifications

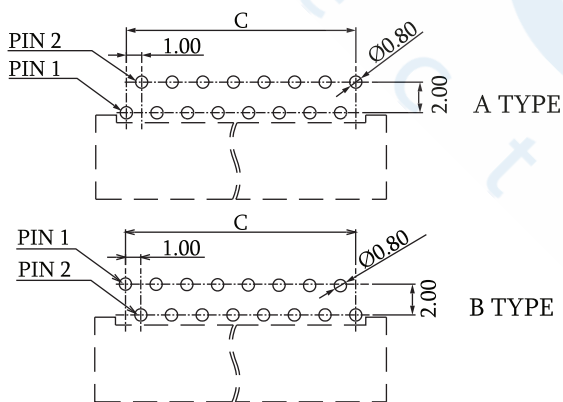
Current Rating: 1 AMP  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -25°C to +85°C

### Material

Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



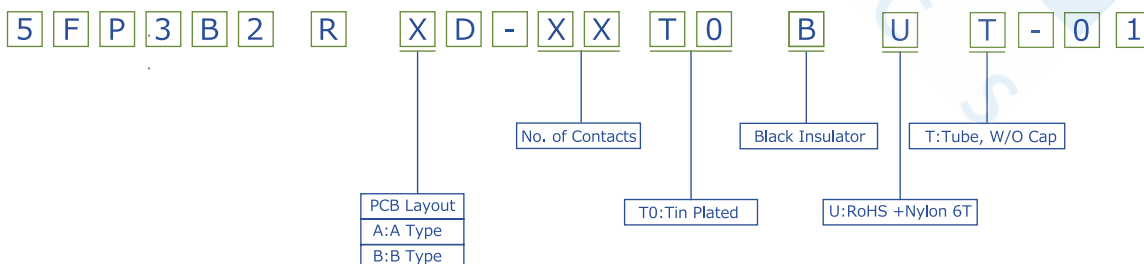
A-A



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.00	3.10	1.00	20	23.00	21.10	19.00
03	6.00	4.10	2.00	21	24.00	22.10	20.00
04	7.00	5.10	3.00	22	25.00	23.10	21.00
05	8.00	6.10	4.00	23	26.00	24.10	22.00
06	9.00	7.10	5.00	24	27.00	25.10	23.00
07	10.00	8.10	6.00	25	28.00	26.10	24.00
08	11.00	9.10	7.00	26	29.00	27.10	25.00
09	12.00	10.10	8.00	27	30.00	28.10	26.00
10	13.00	11.10	9.00	28	31.00	29.10	27.00
11	14.00	12.10	10.00	29	32.00	30.10	28.00
12	15.00	13.10	11.00	30	33.00	31.10	29.00
13	16.00	14.10	12.00	31	34.00	32.10	30.00
14	17.00	15.10	13.00	32	35.00	33.10	31.00
15	18.00	16.10	14.00	33	36.00	34.10	32.00
16	19.00	17.10	15.00	34	37.00	35.10	33.00
17	20.00	18.10	16.00	35	38.00	36.10	34.00
18	21.00	19.10	17.00	36	39.00	37.10	35.00
19	22.00	20.10	18.00	-	-	-	-

## ORDER INFORMATION



FPC/FFC Conn.

RoHS

AMTEK CONNECTOR MANUFACTURER

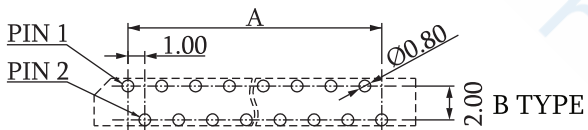
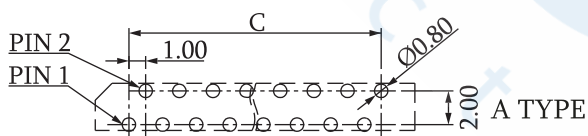
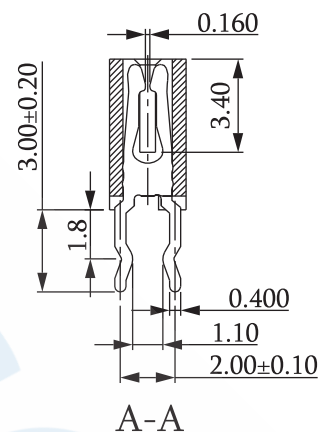
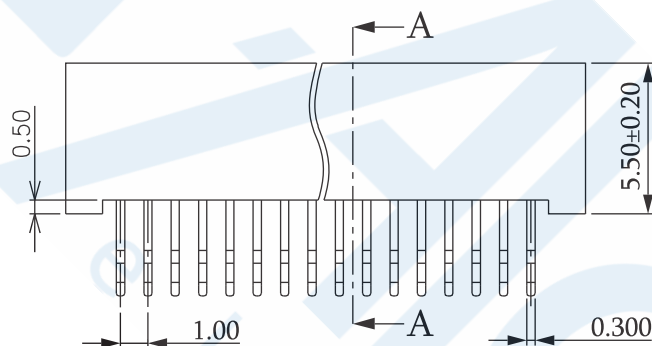
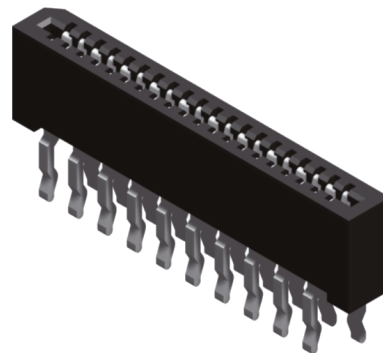
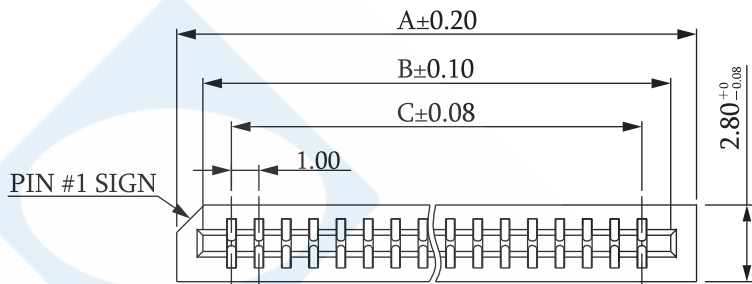
## FPC/FFC 1.0mm Non ZIF Straight Type Top Entry H=5.5

### Specifications

Current Rating: 1 AMP  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -25°C to +85°C

### Material

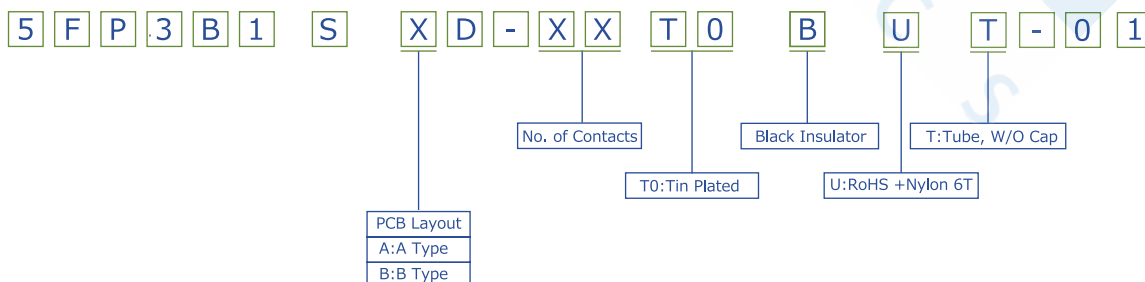
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



Recommended PCB Layout  
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	1.00	3.10	5.00	20	19.00	21.10	23.00
03	2.00	4.10	6.00	21	20.00	22.10	24.00
04	3.00	5.10	7.00	22	21.00	23.10	25.00
05	4.00	6.10	8.00	23	22.00	24.10	26.00
06	5.00	7.10	9.00	24	23.00	25.10	27.00
07	6.00	8.10	10.00	25	24.00	26.10	28.00
08	7.00	9.10	11.00	26	25.00	27.10	29.00
09	8.00	10.10	12.00	27	26.00	28.10	30.00
10	9.00	11.10	13.00	28	27.00	29.10	31.00
11	10.00	12.10	14.00	29	28.00	30.10	32.00
12	11.00	13.10	15.00	30	29.00	31.10	33.00
13	12.00	14.10	16.00	31	30.00	32.10	34.00
14	13.00	15.10	17.00	32	31.00	33.10	35.00
15	14.00	16.10	18.00	33	32.00	34.10	36.00
16	15.00	17.10	19.00	34	33.00	35.10	37.00
17	16.00	18.10	20.00	35	34.00	36.10	38.00
18	17.00	19.10	21.00	36	35.00	37.10	39.00
19	18.00	20.10	22.00	-	-	-	-

## ORDER INFORMATION



# CONNECTORS MANUFACTURER



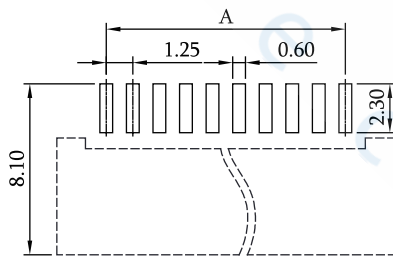
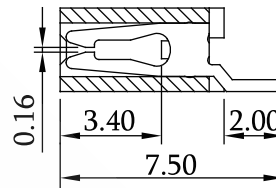
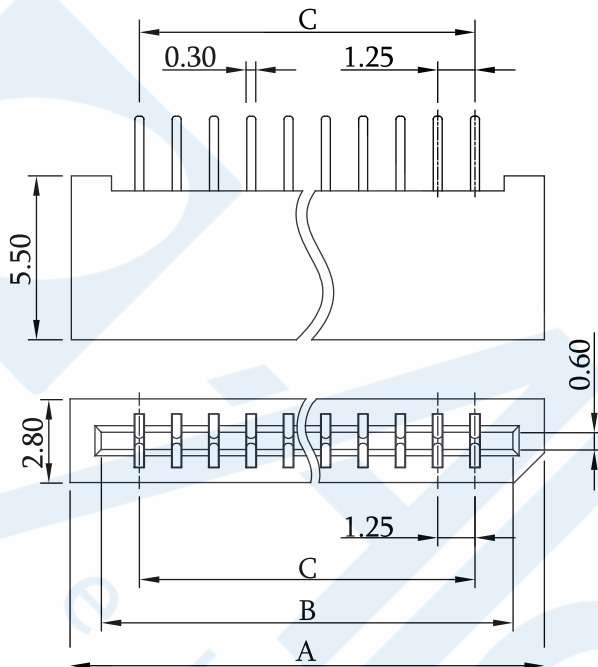
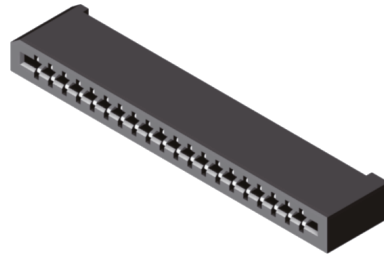
## FPC/FFC 1.25mm Non ZIF SMT R/A Type Side Entry H=2.8mm

### Specifications

Current Rating: 0.5 AMP  
 Insulation Resistance: 1000MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 250V AC for one minute  
 Operation Temperature: -55°C to +85°C

### Material

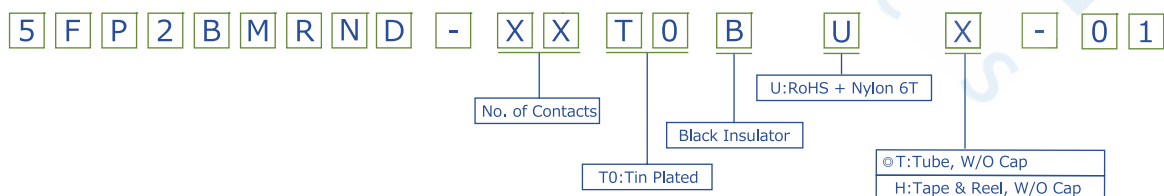
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.90	3.80	1.25	20	28.40	26.30	23.75
03	7.15	5.05	2.50	21	29.65	27.55	25.00
04	8.40	6.30	3.75	22	30.90	28.80	26.25
05	9.65	7.55	5.00	23	32.15	30.05	27.50
06	10.90	8.80	6.25	24	33.40	31.30	28.75
07	12.15	10.05	7.50	25	34.65	32.55	30.00
08	13.40	11.30	8.75	26	35.90	33.80	31.25
09	14.65	12.55	10.00	27	37.15	35.05	32.50
10	15.90	13.80	11.25	28	38.40	36.30	33.75
11	17.15	15.05	12.50	29	39.65	37.55	35.00
12	18.40	16.30	13.75	30	40.90	38.80	36.25
13	19.65	17.55	15.00	31	42.15	40.05	37.50
14	20.90	18.80	16.25	32	43.40	41.30	38.75
15	22.15	20.05	17.50	33	44.65	42.55	40.00
16	23.40	21.30	18.75	34	45.90	43.80	41.25
17	24.65	22.55	20.00	35	47.15	45.05	42.50
18	25.90	23.80	21.25	36	48.40	46.30	43.75
19	27.15	25.05	22.50	—	—	—	—

## ORDER INFORMATION



©: Standard Recommend

Old P/N: FPC2BMR6



AMTEK CONNECTOR MANUFACTURER

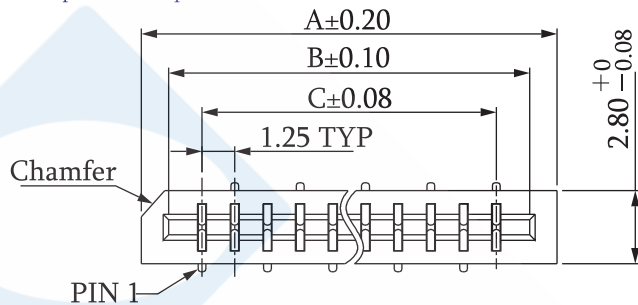
### FPC/FFC 1.25mm Non ZIF SMT Type Top Entry H=5.5mm

#### Specifications

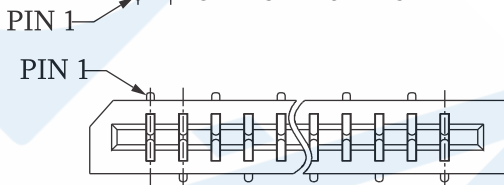
Current Rating:1 AMP  
 Voltage Rating:100V AD/DC  
 Insulation Resistance:500MΩ Min.  
 Contact Resistance:30mΩ Max.  
 Dielectric Voltage:500V AC for one minute  
 Operation Temperature:-25°C to +85°C

#### Material

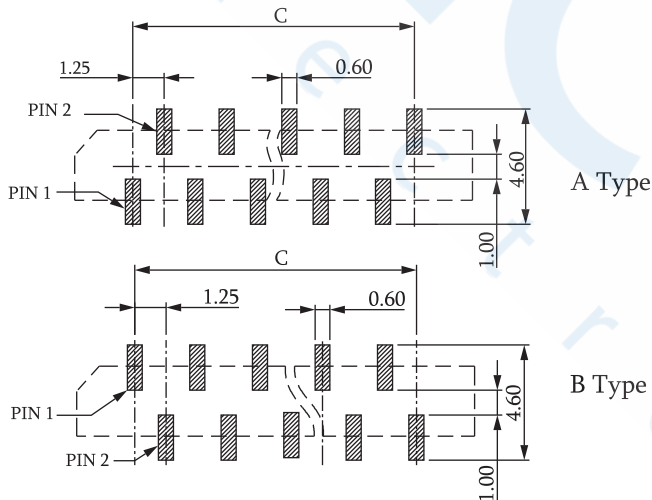
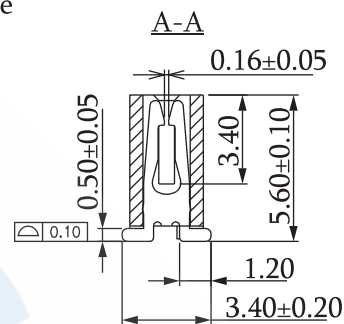
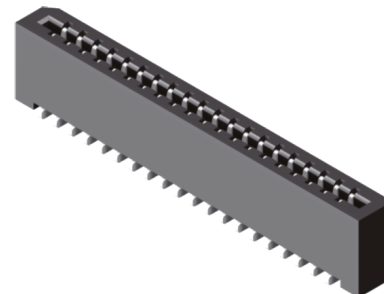
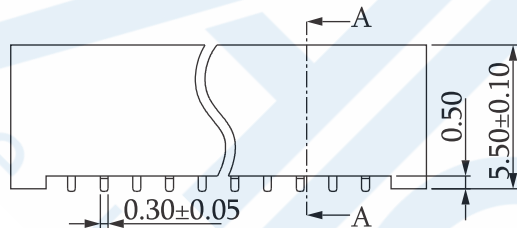
Insulator:High Temperature Thermoplastic, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated



A Type



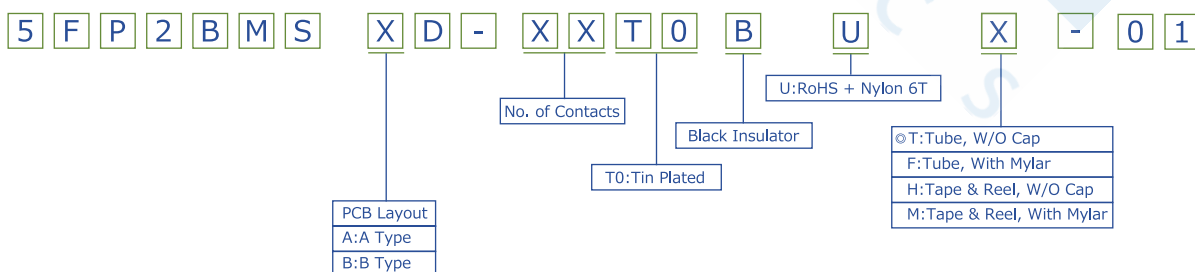
B Type



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
04	8.40	6.30	3.75
05	9.65	7.55	5.00
06	10.90	8.80	6.25
08	13.40	11.30	8.75
10	15.90	13.80	11.25
11	17.15	15.05	12.50
16	23.40	21.30	18.75
17	24.65	22.55	20.00
18	25.90	23.80	21.25
20	28.40	26.30	23.75
24	33.40	31.30	28.75
26	35.90	33.80	31.25
27	37.15	35.05	32.50
28	38.40	36.30	33.75
36	48.40	46.30	43.75

### ORDER INFORMATION



# CONNECTORS MANUFACTURER



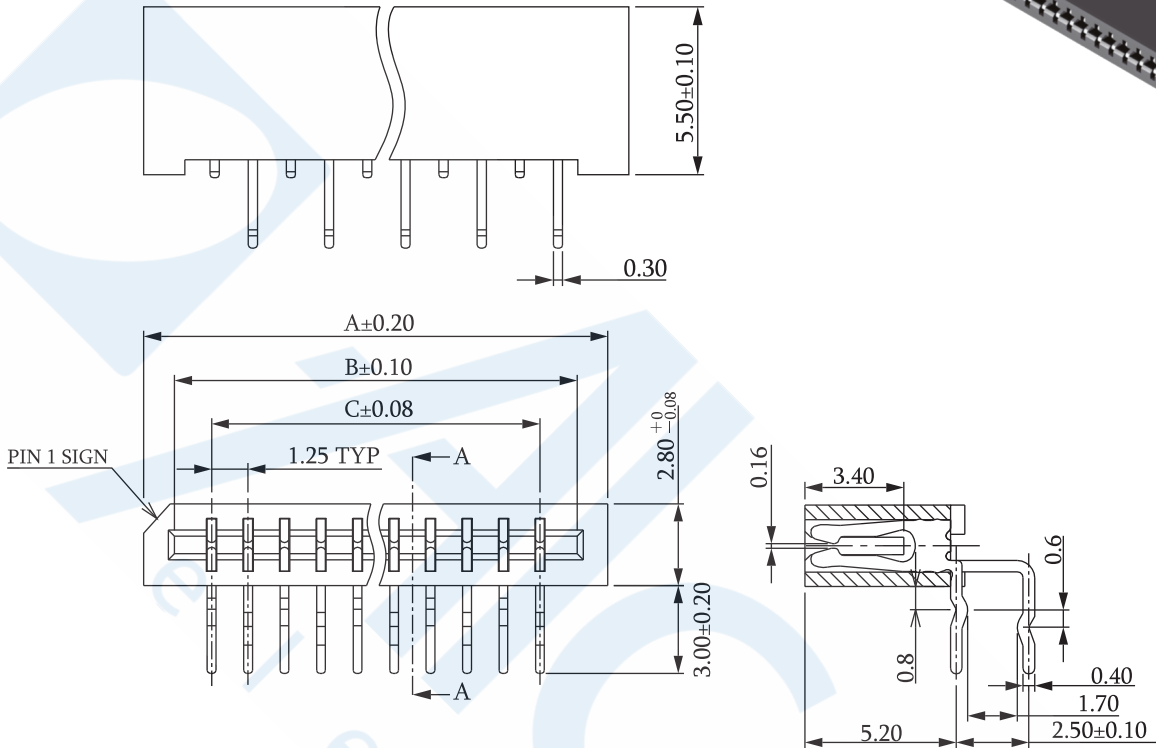
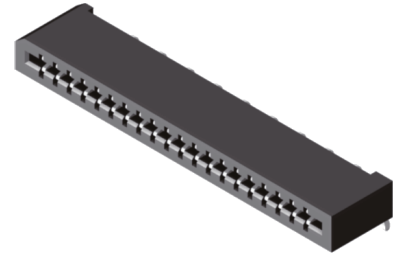
## FPC/FFC 1.25mm Non ZIF Right Angle Type Side Entry H=2.8mm

### Specifications

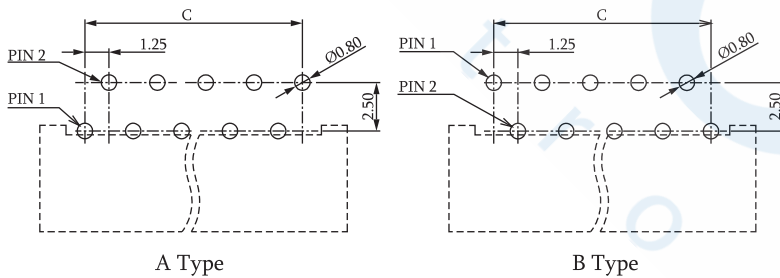
Current Rating:1 AMP  
 Insulation Resistance:500MΩ Min.  
 Contact Resistance:30mΩ Max.  
 Dielectric Voltage:500V AC for one minute  
 Operation Temperature:-25°C to +85°C

### Material

Insulator:High Temperature Thermoplastic, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated

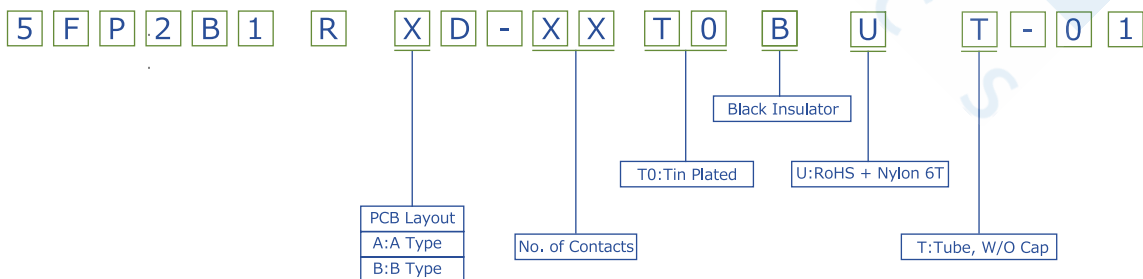


SCALE A-A



No. of Contacts	Dimensions		
	A	B	C
04	8.40	6.30	3.75
05	9.65	7.55	5.00
06	10.90	8.80	6.25
08	13.40	11.30	8.75
10	15.90	13.80	11.25
11	17.15	15.05	12.50
16	23.40	21.30	18.75
17	24.65	22.55	20.00
18	25.90	23.80	21.25
20	28.40	26.30	23.75
24	33.40	31.30	28.75
26	35.90	33.80	31.25
27	37.15	35.05	32.50
28	38.40	36.30	33.75
36	48.40	46.30	43.75

## ORDER INFORMATION



○: Standard Recommend

Old P/N:FPC2BR6



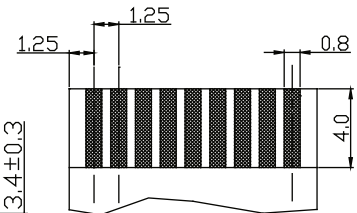
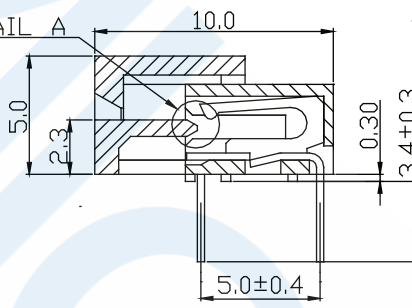
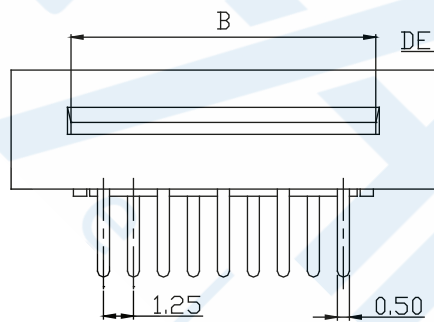
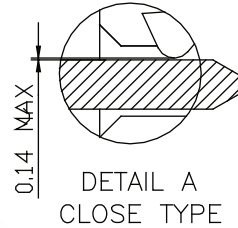
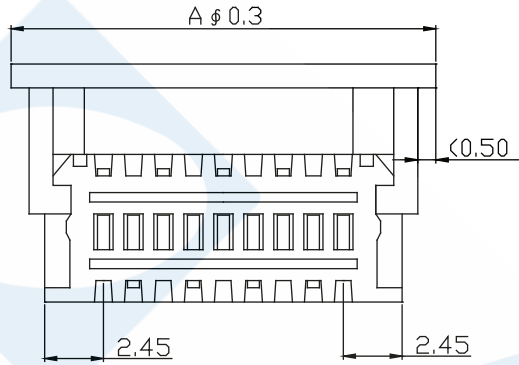
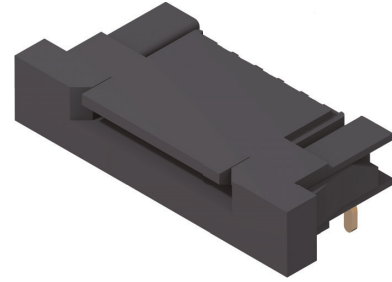
## FPC/FFC 1.25mm Non ZIF Right Angle Type Side Entry H=5.0mm

### Specifications

Current Rating:1.0 AMP  
 Voltage Rating:200V AC/DC  
 Insulation Resistance:500MΩ Min.  
 Contact Resistance:20mΩ Max.  
 Dielectric Voltage:500V AC for one minute  
 Operation Temperature:-20°C to +85°C

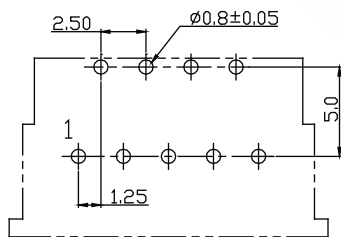
### Material

Insulator:PBT, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated

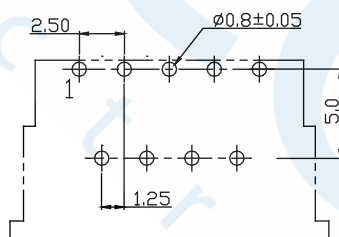


FFC/FFC DIMENSION THICKNESS 0.3±0.05mm

OPEN TYPE



TYPE A

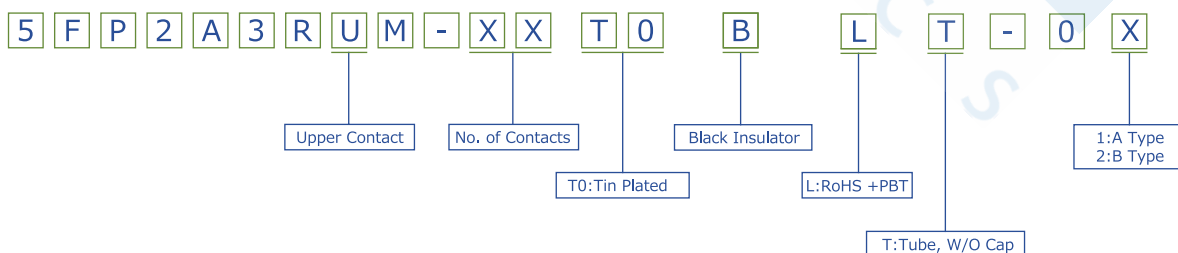


TYPE B

Recommended PCB Layout (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
3	9.55	5.20	18	28.30	23.95
4	10.80	6.45	19	29.55	25.20
5	12.05	7.70	20	30.80	26.45
6	13.30	8.95	21	32.05	27.70
7	14.55	10.20	22	33.30	28.95
8	15.8	11.45	23	34.55	30.20
9	17.05	12.70	24	35.80	31.45
10	18.30	13.95	25	37.05	32.70
11	19.55	15.20	26	38.30	33.95
12	20.80	16.45	27	39.55	35.20
13	22.05	17.70	28	40.80	36.45
14	23.30	18.95	29	42.05	37.70
15	24.55	20.20	30	43.30	38.95
16	25.80	21.45	31	44.55	40.20
17	27.50	22.70	32	45.80	41.45

## ORDER INFORMATION



© :Standard Recommend

# CONNECTORS MANUFACTURER



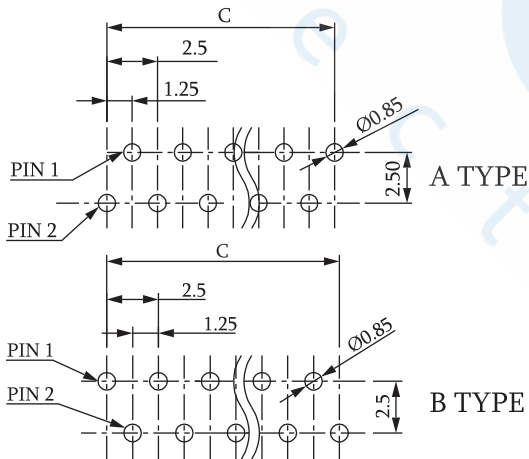
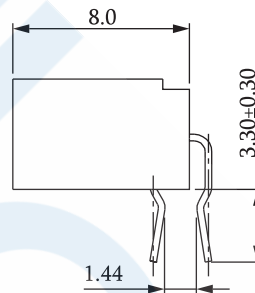
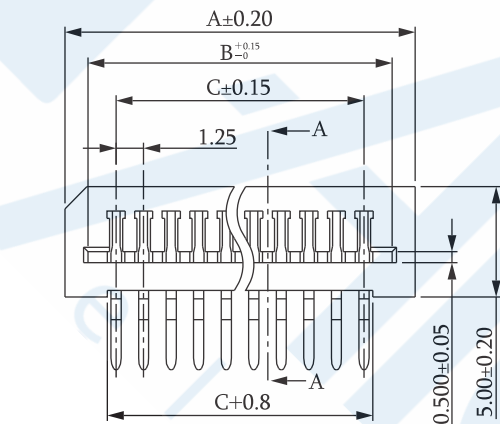
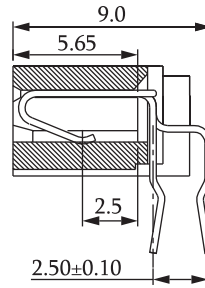
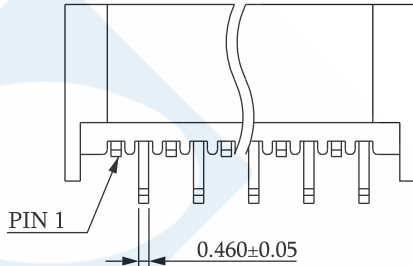
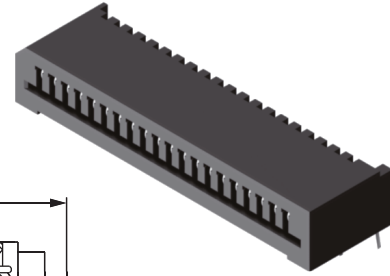
## FPC/FFC 1.25mm Non ZIF Single Contact Right Angle Type Side Entry H=5.0mm

### Specifications

Current Rating:1.0 AMP  
 Voltage Rating:200V AC/DC  
 Insulation Resistance:500MΩ Min.  
 Contact Resistance:30mΩ Max.  
 Dielectric Voltage:500V AC for one minute  
 Operation Temperature:-25°C to +85°C

### Material

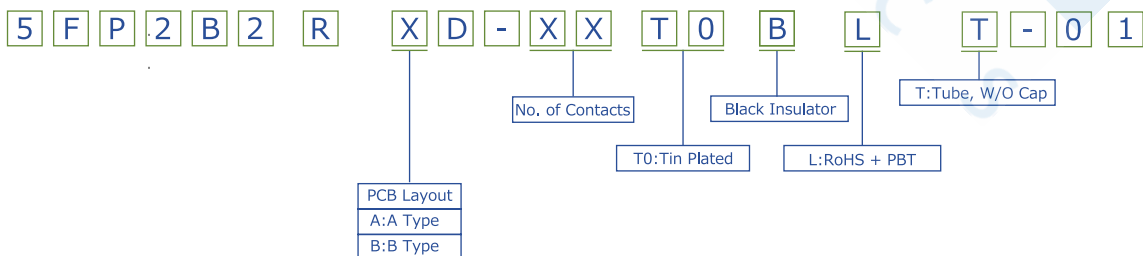
Insulator:PBT, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.90	3.80	1.25	20	28.40	26.30	23.75
03	7.15	5.05	2.50	21	29.65	27.55	25.00
04	8.40	6.30	3.75	22	30.90	28.80	26.25
05	9.65	7.55	5.00	23	32.15	30.05	27.50
06	10.90	8.80	6.25	24	33.40	31.30	28.75
07	12.15	10.05	7.50	25	34.65	32.55	30.00
08	13.40	11.30	8.75	26	35.90	33.80	31.25
09	14.65	12.55	10.00	27	37.15	35.05	32.50
10	15.90	13.80	11.25	28	38.40	36.30	33.75
11	17.15	15.05	12.50	29	39.65	37.55	35.00
12	18.40	16.30	13.75	30	40.90	38.80	36.25
13	19.65	17.55	15.00	31	42.15	40.05	37.50
14	20.90	18.80	16.25	32	43.40	41.30	38.75
15	22.15	20.05	17.50	33	44.65	42.55	40.00
16	23.40	21.30	18.75	34	45.90	43.80	41.25
17	24.65	22.55	20.00	35	47.15	45.05	42.50
18	25.90	23.80	21.25	36	48.40	46.30	43.75
19	27.15	25.05	22.50	—	—	—	—

## ORDER INFORMATION



☉:Standard Recommend

Old P/N:FPC2BRS6

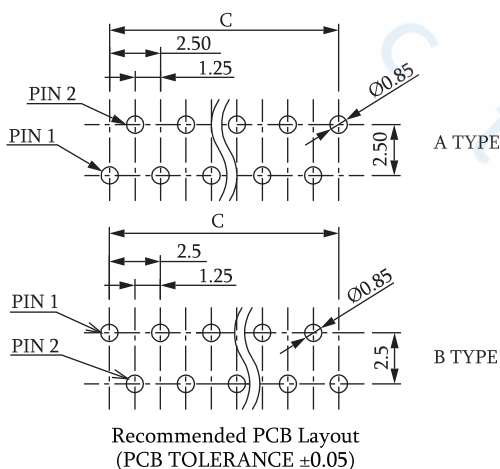
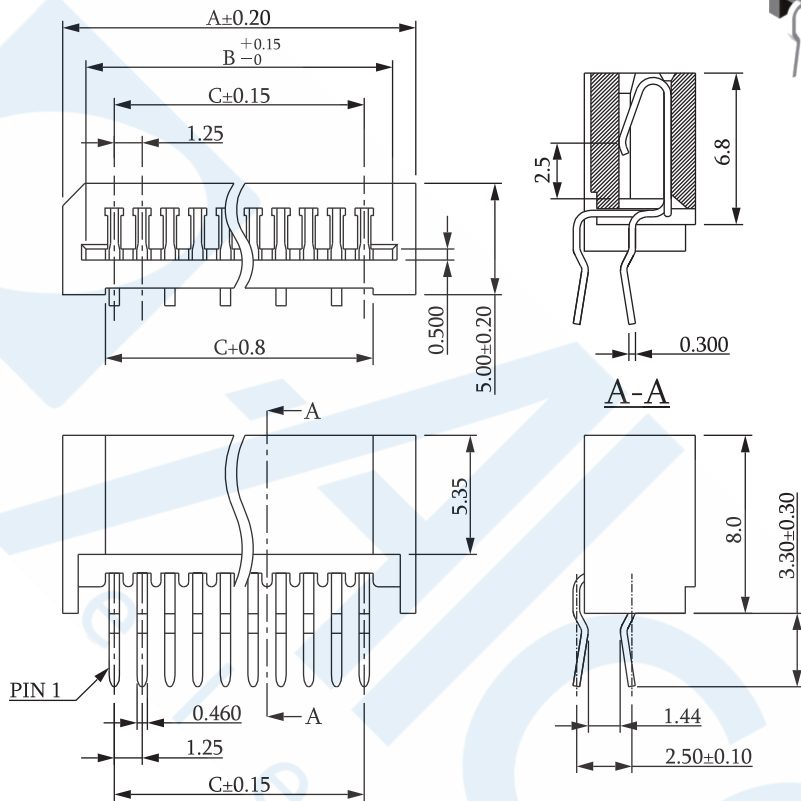
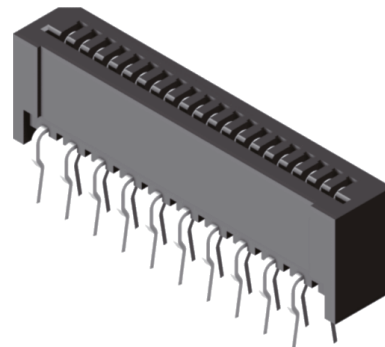
### FPC/FFC 1.25mm Non ZIF Single Contact Straight Type Top Entry H=8.0mm

#### Specifications

Current Rating:1.0 AMP  
 Insulation Resistance:500MΩ Min.  
 Contact Resistance:30mΩ Max.  
 Dielectric Voltage:500V AC for one minute  
 Operation Temperature:-25°C to +85°C

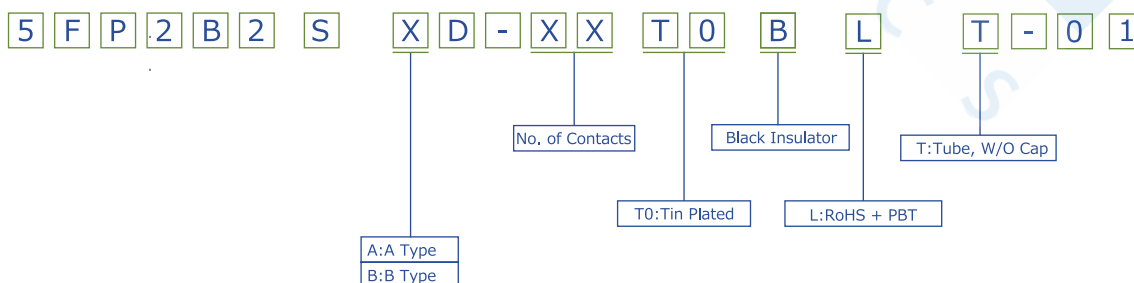
#### Material

Insulator:PBT, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.90	3.80	1.25	20	28.40	26.30	23.75
03	7.15	5.05	2.50	21	29.65	27.55	25.00
04	8.40	6.30	3.75	22	30.90	28.80	26.25
05	9.65	7.55	5.00	23	32.15	30.05	27.50
06	10.90	8.80	6.25	24	33.40	31.30	28.75
07	12.15	10.05	7.50	25	34.65	32.55	30.00
08	13.40	11.30	8.75	26	35.90	33.80	31.25
09	14.65	12.55	10.00	27	37.15	35.05	32.50
10	15.90	13.80	11.25	28	38.40	36.30	33.75
11	17.15	15.05	12.50	29	39.65	37.55	35.00
12	18.40	16.30	13.75	30	40.90	38.80	36.25
13	19.65	17.55	15.00	31	42.15	40.05	37.50
14	20.90	18.80	16.25	32	43.40	41.30	38.75
15	22.15	20.05	17.50	33	44.65	42.55	40.00
16	23.40	21.30	18.75	34	45.90	43.80	41.25
17	24.65	22.55	20.00	35	47.15	45.05	42.50
18	25.90	23.80	21.25	36	48.40	46.30	43.75
19	27.15	25.05	22.50	-	-	-	-

### ORDER INFORMATION



# CONNECTORS MANUFACTURER



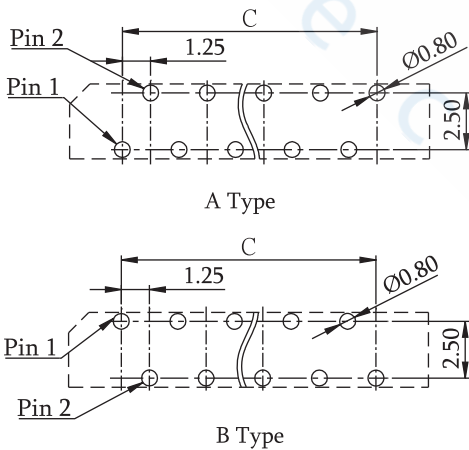
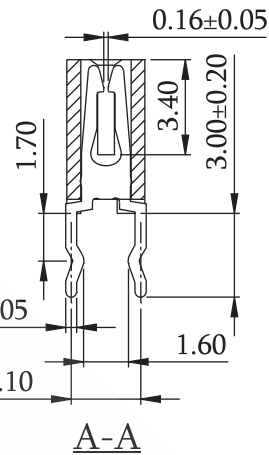
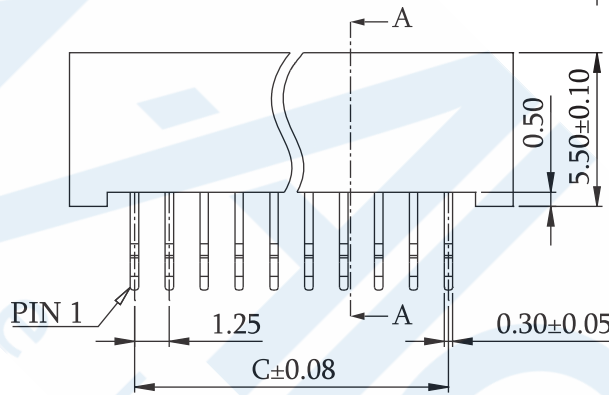
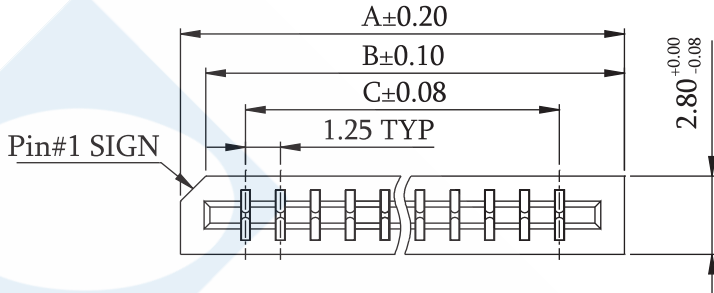
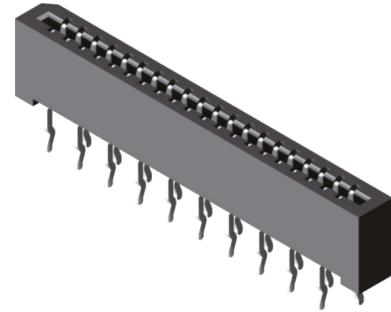
## FPC/FFC 1.25mm Non ZIF Straight Type Top Entry H=5.5mm

### Specifications

Current Rating: 1.0 AMP  
 Insulation Resistance: 500MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 500V AC for one minute  
 Operation Temperature: -25°C to +85°C

### Material

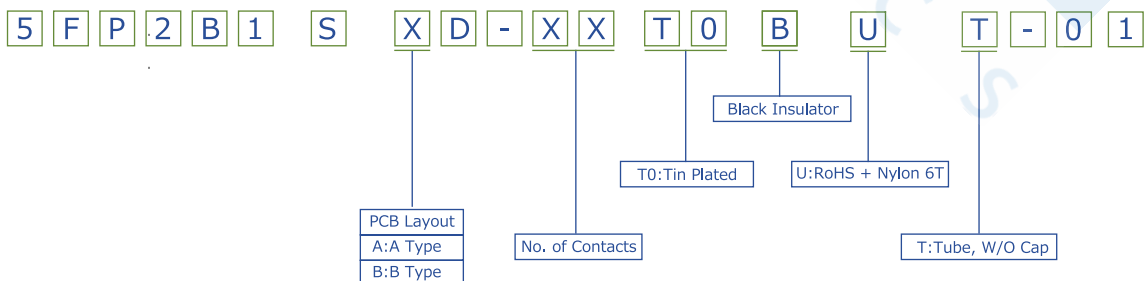
Insulator: High Temperature Thermoplastic, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
—	—	—	—	17	24.65	22.55	20.00
03	7.15	5.05	2.50	18	25.90	23.80	21.25
04	8.40	6.30	3.75	19	27.15	25.05	22.50
05	9.65	7.55	5.00	20	28.40	26.30	23.75
06	10.90	8.80	6.25	21	29.65	27.55	25.00
07	12.15	10.05	7.50	22	30.90	28.80	26.25
08	13.40	11.30	8.75	23	32.15	30.05	27.50
09	14.65	12.55	10.00	24	33.40	31.30	28.75
10	15.90	13.80	11.25	25	34.65	32.55	30.00
11	17.15	15.05	12.50	26	35.90	33.80	31.25
12	18.40	16.30	13.75	27	37.15	35.05	32.50
13	19.65	17.55	15.00	28	38.40	36.30	33.75
14	20.90	18.80	16.25	29	39.65	37.55	35.00
15	22.15	20.05	17.50	30	40.90	38.80	36.25
16	23.40	21.30	18.75	36	48.40	46.30	43.75

## ORDER INFORMATION



Standard Recommend

Old P/N: FPC2BS6

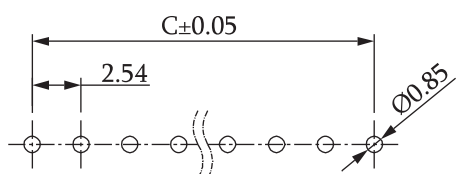
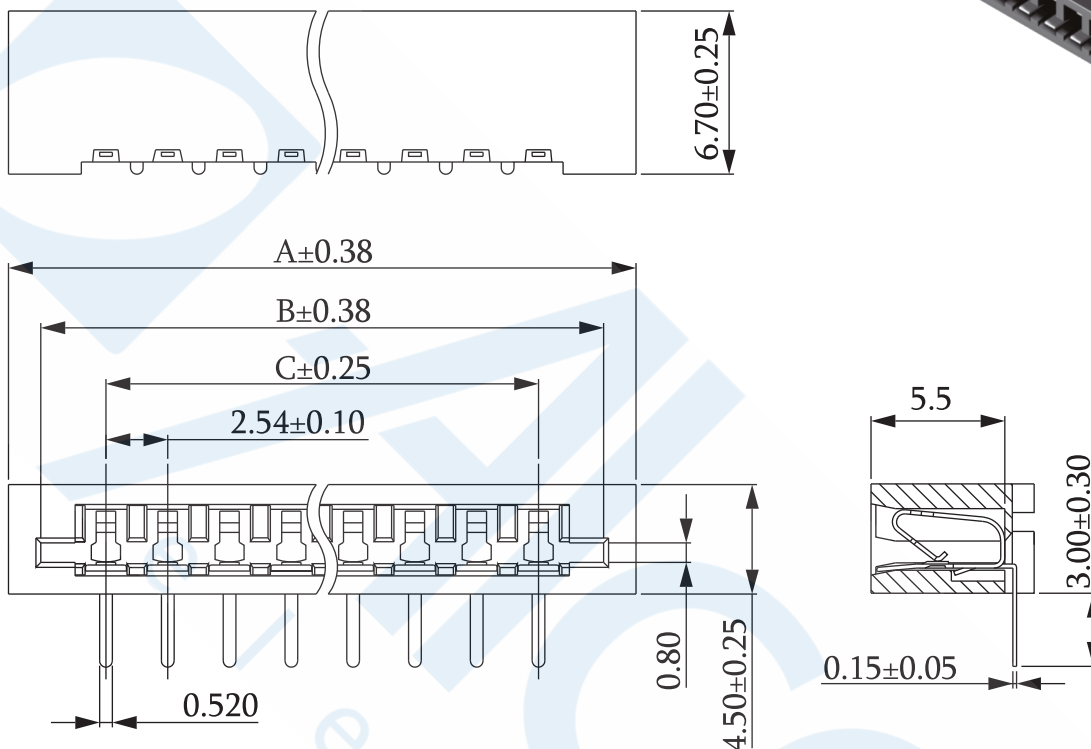
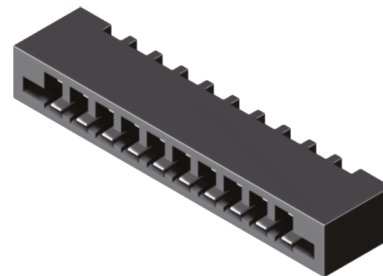
### FPC/FFC 2.54mm Non ZIF Single Contact Right Angle Type Side Entry H=4.5mm

#### Specifications

Current Rating:3 AMP  
 Insulation Resistance:1000MΩ Min.  
 Contact Resistance:30mΩ Max.  
 Dielectric Voltage:1000V AC for one minute  
 Operation Temperature:-25°C to +85°C

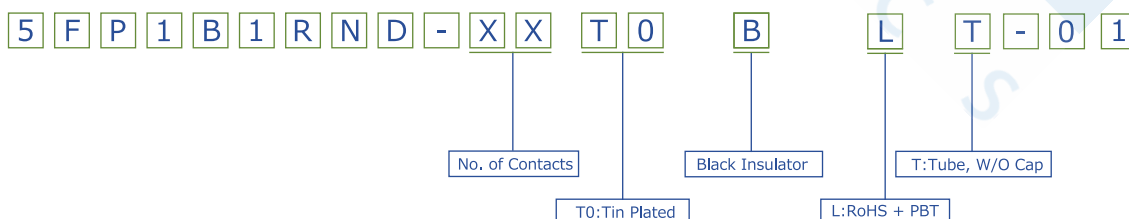
#### Material

Insulator:PBT, UL 94V-0  
 Terminal:Copper Alloy  
 Plated:Tin Plated



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	10.54	8.43	2.54	15	43.56	41.45	35.56
03	13.08	10.97	5.08	16	46.10	43.99	38.10
04	15.62	13.51	7.62	17	48.64	46.53	40.64
05	18.16	16.05	10.16	18	51.18	49.07	43.18
06	20.70	18.59	12.70	19	53.72	51.61	45.72
07	23.24	21.13	15.24	20	56.26	54.15	48.26
08	25.78	23.67	17.78	21	58.80	56.69	50.80
09	28.32	26.21	20.32	22	61.34	59.23	53.34
10	30.86	28.75	22.86	23	63.88	61.77	55.88
11	33.40	31.29	25.40	24	66.42	64.31	58.42
12	35.94	33.83	27.94	25	68.96	66.85	60.96
13	38.48	36.37	30.48	26	71.50	69.39	63.50
14	41.02	38.91	33.02	-	-	-	-

### ORDER INFORMATION



# CONNECTORS MANUFACTURER



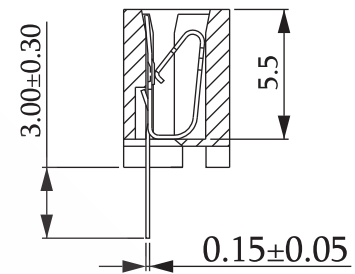
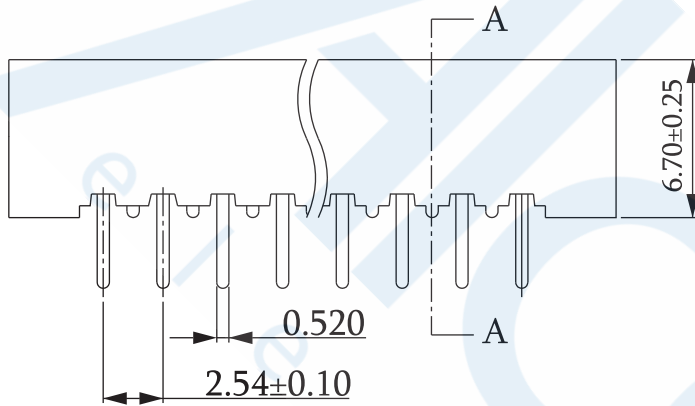
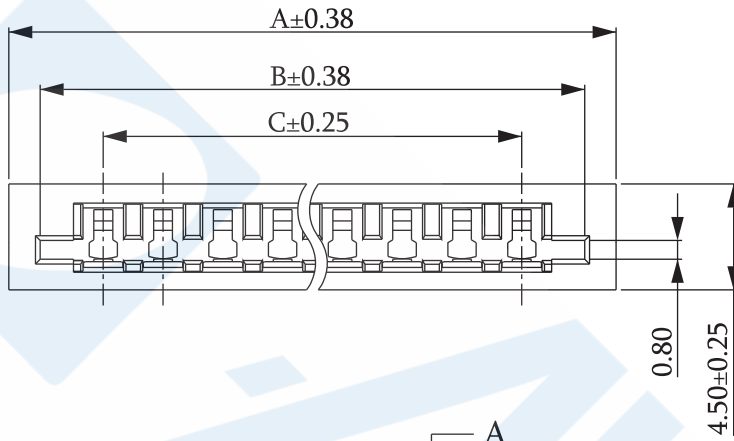
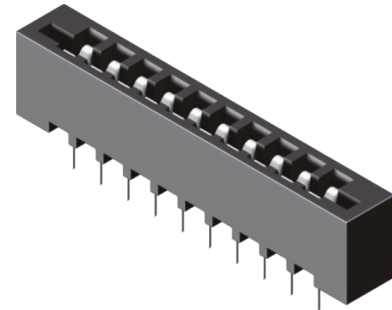
## FPC/FFC 2.54mm Non ZIF Single Contact Straight Type Top Entry H=6.7mm

### Specifications

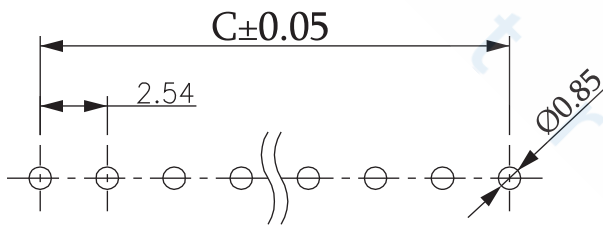
Current Rating: 3 AMP  
 Insulation Resistance: 1000MΩ Min.  
 Contact Resistance: 30mΩ Max.  
 Dielectric Voltage: 1000V AC for one minute  
 Operation Temperature: -25°C to +85°C

### Material

Insulator: PBT, UL 94V-0  
 Terminal: Copper Alloy  
 Plated: Tin Plated



SECTION A-A



Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	10.54	8.43	2.54	15	43.56	41.45	35.56
03	13.08	10.97	5.08	16	46.10	43.99	38.10
04	15.62	13.51	7.62	17	48.64	46.53	40.64
05	18.16	16.05	10.16	18	51.18	49.07	43.18
06	20.70	18.59	12.70	19	53.72	51.61	45.72
07	23.24	21.13	15.24	20	56.26	54.15	48.26
08	25.78	23.67	17.78	21	58.80	56.69	50.80
09	28.32	26.21	20.32	22	61.34	59.23	53.34
10	30.86	28.75	22.86	23	63.88	61.77	55.88
11	33.40	31.29	25.40	24	66.42	64.31	58.42
12	35.94	33.83	27.94	25	68.96	66.85	60.96
13	38.48	36.37	30.48	26	71.50	69.39	63.50
14	41.02	38.91	33.02	—	—	—	—

## ORDER INFORMATION

5 F P 1 B 1 S N D - X X T 0 B L T - 0 1

No. of Contacts

T0: Tin Plated

Black Insulator

L: RoHS + PBT

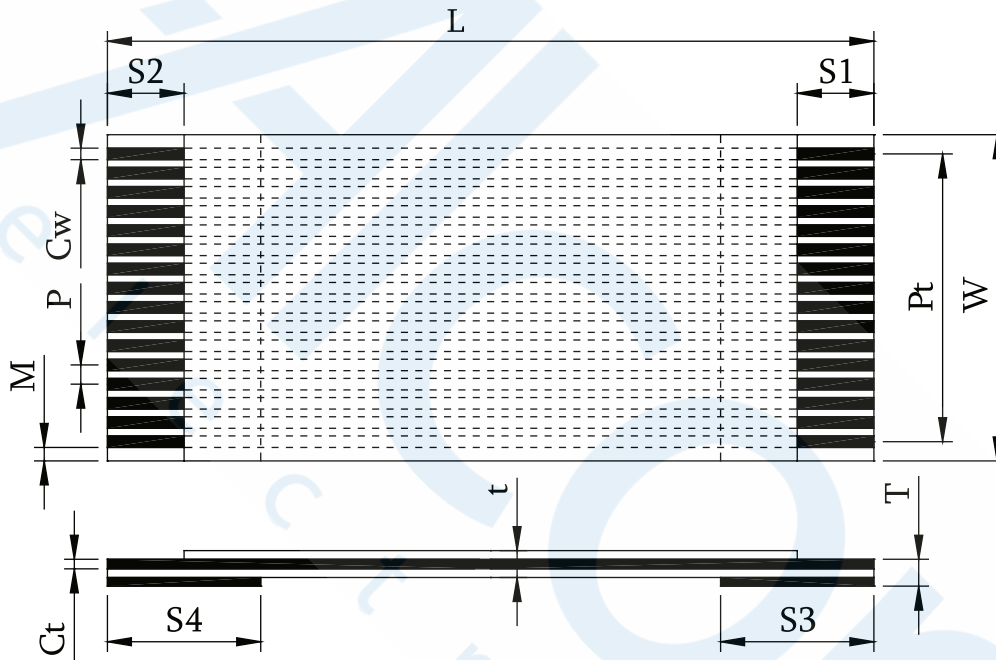
T: Tube, W/O Cap

◎: Standard Recommend

Old P/N: FPC1DS6

## Flexible Flat Cable

Description	Abbr.	Formulation	Tolerance							
			P=0.3	P=0.5	P=0.8	P=1.0	P=1.25	P=1.27	P=2.00	P=2.54
Pitch	P	Typical	±0.05	±0.05	±0.08	±0.08	±0.10	±0.10	±0.10	±0.10
No. of Contacts			21~100	06~90	05~80	04~70	04~70	04~70	04~35	04~33
Total Pitch	Pt	Px(n-1)	±0.05	±0.05	±0.08	±0.08	±0.12	±0.12	±0.12	±0.12
Width	W	Px(n+1)	±0.12	±0.12	±0.15	±0.15	±0.20	±0.20	±0.20	±0.20
Margin	M	P-(Cw×1/2)	±0.08	±0.08	±0.13	±0.13	±0.18	±0.18	±0.18	±0.18
Conduct Width	Cw	Typical	0.2	0.3	0.5	0.65	0.8	0.8	0.8	1.27
Conduct Thickness	Ct	Typical	0.035 / 0.05 / 0.1							
Total(Cable) Length	L	Typical	Over 30mm							
Strip Length	S1/S2	Typical	3/4/5/6							
Support Tape Length	S3/S4	Typical	6/8/10/12/15							
Terminal Thickness	T	Typical	0.2/0.3±0.05mm							



## ORDER INFORMATION

F X X X X - X X X ( 4/4 / 8/8 ) XXXXX X

Pitch
A=Pitch 1.0mm
B=Pitch 1.25mm
C=Pitch 0.5mm
D=Pitch 2.54mm
E=Pitch 0.3mm
F=Pitch 0.8mm
G=Pitch 1.27mm
H=Pitch 2.0mm

No. of Contacts  
(See Table)

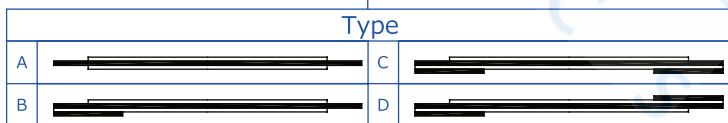
Cable Length(L)  
(Over 30mm)

Strip Length(S1/S2)  
(3/4/5/6)

Support tape Length(S3/S4)  
(6/8/10/12/15)

UL Standard	
2896:	80°C,30V
20624:	80°C,60V
2643:	105°C,300V
20706:	105°C,60V

©F:Flexible (For Pitch:0.5~1.27)	Ct=0.05 t=0.14 (Pitch 0.3mm t=0.20) Ct=0.05 t=0.20 (2643)
S:Super Flexible (For Pitch:0.5/1.0/1.25)	Ct=0.035 t=0.12 Ct=0.035 t=0.195 (2643)
L:Low Flexible (Ct=0.1)	t=0.22 (20706)
	t=0.22 (2896)
	t=0.22 (20624)
	t=0.26 (2643)



☆Remark

- (1)S3/S4 have to be longer than S1/S2
- (2)UL 2643 only for low flexible products
- (3)For Pitch:0.3mm,the recommended terminal thickness is 0.2mm.
- (4)Terminal thickness 0.2mm option is only for Flexible and Super Flexible.

Add. Option	
Blank:W/O Add. Option	
A:Al. Foil	
B:Copper Foil	
C:Conductive Fabric	
D:Mylar	

©:Standard Recommend