



REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	TIM	2020/05/05

**Notes:**

1. ELECTRICAL
  - 1.1 Current Rating: 2A
  - 1.2 Voltage Rating: 30V
  - 1.3 Contact Resistance: 50mΩ Max. at working height
2. MECHANICAL
  - 2.1 Spring Force: 0.85N±0.2N at working height
  - 2.2 Durability: 10,000 cycles
3. To avoid arcing issue, the adaptor start to power supply after connector mated fully
4. Based on the Engineer drawing, shall not exceed on the working height the maximum allowed compress
5. To ensure the best usage, please operate it based supply after connector mated fully

**How to order:**

303B-443118-254-XX  
1

1 pin count: xx= 02~16  
(Please contact with sales for the pins count available)

5	CAP	Thermoplastic, Black
4	SPRING	Stainless steel
3	BARREL	Brass, gold plating under nickel over all
		Copper alloy, 10u" gold plating on contact area, gold plating under nickel over all
2	PISTON	
1	HOUSING	Thermoplastic, UL94V-0, Black

NO.		PART NAME	DESCRIPTION
UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°
DRAWN		Tim	2020/05/05
CHECKED		Fros	2020/05/05
APPROVED		Ken	2020/05/05
SCALE		4/1	
SHEET		1/1	
SIZE		A4	
DRAWN NAME:		Pogo Pin, XX Pin, 2.54P, 10u" 7.5H 3.1 Stroke, Cap, SMT	
PRODUCT NO.		303B-443118-254-XX	
FILE NAME		303B-443118-254-XX_B_1	



**Recommended Layout**  
General Tolerance: ± 0.05mm