



**AUTOMOTIVE GRADE
METAL ALLOY CHIP RESISTORS**



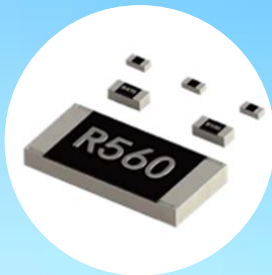
**METAL ALLOY
CURRENT SENSORS**



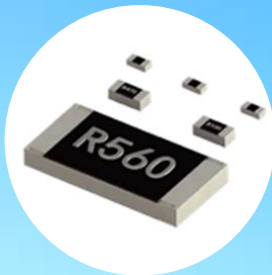
**THIN FILM
CHIP RESISTORS**



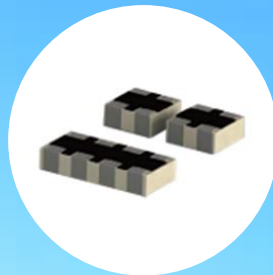
**LOW RESISTANCE
CHIP RESISTORS**



**THICK FILM
CHIP RESISTORS**



**ANTI SULFURETED
CHIP RESISTORS**



**THICK FILM ARRAY
CHIP RESISTORS**



**FULLY LEAD FREE
CHIP RESISTORS**



SMD

- Series: CB/CX/CF/CZ/CD
- High voltage, 6.3-100V
- High Temp., 105°-125°(135°) C
- Long life, 2-7K hours
- Miniature, CX 100uF/25WV 6.3*7.7 (6.3x5.7) mm
- CX 330uF/50WV 12.5*13.5 (10x10.2) mm
- Low impedance



SNAP-IN

- Series: HS/HM/LR/HL/HX/PA/QA/QW
- High voltage, up to 600 (630) V
- High Temp., 105°-125°(130°) C
- Long life, 2-18K hours
- Miniature, LR 1,200uF/420WV 35x50 (35x45) mm
- High Ripple



RADIAL

- Series: TK/TL/TT/TU/TJ/TR/TS/WB/WF/AU
- High voltage, up to 600 (650) V
- High Temp., 105°-135°(150°) C
- Long life, 2-20K hours
- Miniature, TK 22uF/420WV 8x16 (8x14) mm
- Low impedance & Quick charge &
- High ripple



POLYMER/HYBRID

- Series: FS/FB/FT/VS/VD/VQ/YD/YA
- High voltage, up to 80(160)V
- High Temp., 105°-125°(135°) C
- Long life, 2-20K hours
- Miniature, YA 330uF/35WV 10x12.2 (10x10.2) mm
- High frequency & Low impedance



DC AXIAL FANS

- Size, 25-140 mm
- Voltage, 5-48 V
- Operating Temp., -10° to 105°C
- Life time, 40K-100K hours
- Elec. function, RD/FG/PWM
- IP protection, IP55-68, GR487 (Salt spray test)



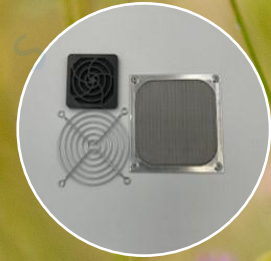
DC BLOWERS

- Size, 50-97 mm
- Voltage, 12-24 V
- Operating Temp., -10° to 90°C
- Life time, 40K-100K hours
- Elec. function, RD/FG/PWM
- IP protection, IP55-68







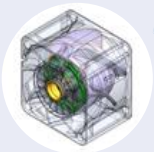
AC FANS

- Size, 80-172 mm
- Voltage, 110-240 V (50/60Hz)
- Operating Temp, -10° to 70°C
- Life time, 40K-70K hours
- Terminal/Wire type



ACCESSARIES

- Fan guard
- Grille filter
- Power cord
- Accessary Assembly

TYPES		MODELS & SIZES
	DC FAN Series (Small Size) 5V-48V	2510, 3010, 3510, 4010, 4015, 4020, 4028
	DC FAN Series (Normal Size) 5V-48V	5010, 5015, 6010, 6015, 6020, 6025, 6038, 7015, 7025, 8010, 8015, 8020, 8025, 8038, 9225, 9238, 1225, 1238, 14025 1751
	DC Blower Series 12V-24V	5015, 7530, 9733
	AC FAN Series 110V-240V	8025, 8038, 1225, 1238, 13538, 1751
	Customized Series	Make to Specifications.