
















SMD RESISTORS

Type/ Series	Power (W)	Resistance (Ohms)	Tol (+/-%)	TCR (ppm/°C)	Max. Volts	Case Sizes	Operating Temp (°C)	Application Notes
Thick Film MC, MCT 	50mW - 3000mW	0.1Ω - 100MΩ	0.1% - 20%	50 - 400	25 - 350	0201 - 2040	-55°C to +155°C	Economy, wide design flexibility
Precision Thin Film BLU 	25mW - 500mW	10Ω - 510KΩ	.01% - 1%	5 - 100	100 - 200	0201 - 1612	-55°C to +150°C	High precision, Mil-R Equivalent
Wirewound MW, MWM 	500mW - 5000mW	.001Ω - 100KΩ	.01% - 10%	5 - 300	30 - 250	1806 - 5318	-55°C to +175°C (+275°C avail.)	Superior resistance to surges, very stable
Power Film Melf MPF 	1000mW - 3000mW	0.1Ω - 10MΩ	0.5% - 10%	100 - 350	300 - 400	2309 - 5819	-55°C to +165°C	Economical, medium power applications
Metal Film Melf MGP, MHM 	100mW - 500mW	0.1Ω - 22MΩ	0.1% - 5%	10 - 100	100 - 250	0805 - 2812	-55°C to +155°C	Non-Inductive, lower noise, highly stable.
Carbon Film Melf MCF 	100mW - 500mW	10Ω - 1MΩ	2% - 10%	200 - 1000	100 - 250	0805 - 2309	-55°C to +155°C	Miniature size, low-cost.
Temp. Sensitive Melf MLP 	125mW - 250mW	0.5Ω - 10KΩ	1% - 5%	450 - 5000	N/A	1306 - 2208	-55°C to +155°C	Wide range of T.C.'s, excellent linearity.
Temp. Sensitive FLP 	125mW - 250mW	100Ω - 10KΩ	2% - 10%	3000 - 5000	N/A	0805 - 1206	-55°C to +150°C	Fast response, excellent linearity.
Pulse Tolerant PRM 	250mW - 1000mW	0.1Ω - 100KΩ	1% - 10%	.012%/°C	150 - 500 (3KV-12KV Pulse)	2615 - 8127	-55°C to +150°C	Carbon composition replacement.
Low-Ohm ML 	250mW - 1000mW	0.01Ω - 0.5Ω	1% - 5%	75 - 200	N/A	0805 - 2512	-55°C to +155°C	Non-inductive, low resistance, low profile.
High Voltage SRH 	500mW - 2000mW	1MΩ - 1000MΩ	0.1% - 5%	25 - 100	1KV - 5KV	2512 - 1020	-55°C to +150°C	High voltage, wide resistance range, tight t.c. and tolerance.
High Megohm HR 	16mW - 250mW	1MΩ - 2TΩ	5% - 50%	.01%/°C - .25%/°C	50 - 150	0503 - 1206	-55°C to +150°C	Highest resistance, space-saving sizes.
4-Terminal "Kelvin" SF, SFG 	1000mW 2000mW	.001Ω - 5KΩ	.01% - 10%	20 - 1200	250V Min	3527 - 5925	-55°C to +275°C	Excellent current sense, 4-terminal design.
Fusible Chip FC, MBW 	63mW - 1000mW	1Ω - 10KΩ	1% - 5%	200 - 250	50 - 400	0402 - 2512	-55°C to +125°C	Circuit protection, widest range of sizes MELF pkg avail. (MBW)
Thick and Thin Film Networks SMN, SMTF 	420mW - 750mW	33Ω - 3.3MΩ	1% - 5%	10 - 200	25VDC	3930 - 4330	-55°C to +125°C	Small outline package, Excellent performance.
Chip Arrays CN 	500mW - 1000mW	10Ω - 1MΩ	5% - 10%	200	50V Max	1206 - 2512	-55°C to +150°C	Low cost, self-aligning, popular sizes.