








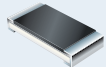





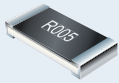



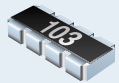


Bourns® Resistor Networks

Model	Photo	Type	Features / Applications	Power per Resistor Ratings (W)	Number of Pins	Tolerance (%)	Resistance Range (Ohms)	TCR Resistor/ Tracking (PPM / °C)
4100R		Thick Film	Through-Hole, DIP, Molded	0.125 to 0.250	8, 14, 16, 18, 20	0.5 to 5	10 to 10 M	100, 250 / 50
4400P		Thick Film	SMD, DIP, Molded, Wide Body	0.115 to 0.160	16, 20	0.5 to 5	10 to 2.2 M	100, 250 / 50
4800P		Thick Film	SMD, DIP, Molded, Medium Body	0.08 to 0.16	14, 16, 18, 20	0.5 to 5	10 to 2.2 M	100, 250 / 50, 100
4300 H/M/R		Thick Film	Through-Hole, SIP, Molded, Three Heights	0.20, 0.25, 0.30, 0.40	4, 6, 8, 9, 10, 11	0.5 to 5	10 to 10 M	100, 250 / 50
4600 H/M/X		Thick Film	Through-Hole, SIP, Conformal, Three Heights	0.20, 0.25, 0.30, 0.40	4 to 14	1, 2, 5	10 to 10 M	100, 250 / 50
4100T		Thin Film	Through-Hole, DIP, Molded	0.20, 0.12	8, 14, 16, 18, 20	0.01 to 1	25, 50, 100 K	25, 50, 100 / 5
4300 T/S/K		Thin Film	Through-Hole, SIP, Molded, Three Heights	0.10 to 0.25	6, 8, 9, 10, 11	0.01 to 1	49.9 to 200 K	25, 50, 100 / 5
4400T		Thin Film	SMD, DIP, Molded, Wide Body	0.10, 0.15	16, 20	0.1 to 1	10 to 150 K	25, 50, 100 / 5
4800T		Thin Film	SMD, DIP, Molded, Medium Body	0.08, 0.10	14, 16, 18, 20	0.1 to 1	10 to 100 K	25, 50, 100 / 5

Available Configurations: Isolated, Bussed, Dual Terminator, Series Circuit, R/2R

Bourns® SMT Chip Resistors

Model	Photo	Type	Features / Applications	Power Ratings (W)	Size or Package	Tolerance (%)	Resistance Range (Ohms)	Temperature Coefficient (PPM /°C)
CR		Thick Film	General	1/20 to 1	0201 to 2512	1, 5	1 to 20 M	100/200/400
CRL		Thick Film	Low Ohmic, Current Sense	1/10 to 1	0603 to 2512	1, 5	0.02 to 9.1	200/400/600
CHV		Thick Film	High Voltage, UL 1676 Listed UL/IEC 60950 & 60065 Compatible	1/10 to 1	0603 to 2512	1, 5	100 K to 100 M	100/200
CRS		Thick Film	High Power Surge Withstand IEC 61000-4-5 1.2/50 µs	1/4 to 2	0805 to 2512	1, 5	1 to 1 M	100/200
CRM		Thick Film	High Power, High Pulse Rating Current/Voltage Sense, Power Supply, Snubber	1/4 to 2	0805 to 2512	1, 5	0.047 to 1 M	100/200
CRT		Thin Film	Precision, Low TCR, Voltage Sense	1/16 to 1/4	0402 to 1206	0.01 to 1	4.7 to 1 M	2 to 50
CRE		Metal Strip	High Power, Low Ohmic Low TCR, Low EMF, Current Sense, Input Amplifiers	2, 3	2512	1	0.001 to 0.009	75
CRA		Metal Strip	High Power, Low Ohmic Low TCR, Low EMF, Current Sense, Input Amplifiers	3	2512	1, 5	0.01 to 0.1	75
CRF		Metal Strip	High Power, Low Ohmic Low TCR, Low EMF, Current Sense, Input Amplifiers	1/2 to 2	0805 to 2512	1, 5	0.001 to 0.05	75/100/275
CST		4-Terminal Metal Strip	High Power, Low Ohmic Current Sense, Input Amplifiers	1	0612	1	0.0005 to 0.002	100/200
CAT/CAY		Thick Film Array	Convex, Concave, 2, 4, 8 Resistors, Isolated, Bussed	1/32 to 1/16	0404, 0606, 0804, 1206, 1206/1506	1, 5	10 to 1 M	200

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