

CAR Series

Thin Film Precision Chip Resistor

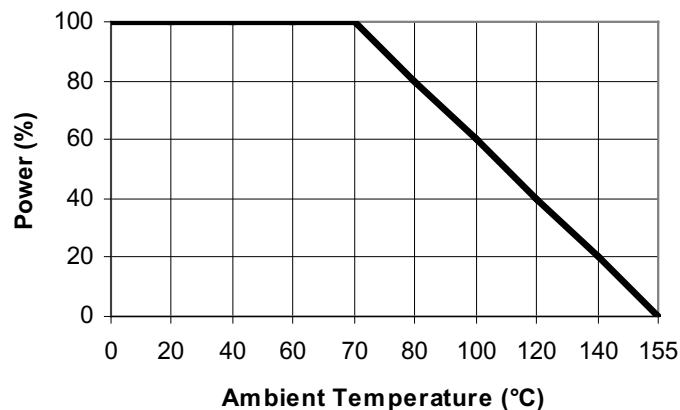


- Resistances from 1 Ohm to 2M Ohms
- Power Rating 0.06 to 0.5 Watt
- Resistance Tolerances to $\pm 0.01\%$
- TCR's to ± 5 ppm/K
- Sizes: 0402 / 0603 / 0805 / 1206 / 2010 / 2512

SPECIFICATIONS

Type	CAR0402	CAR0603	CAR0805	CAR1206	CAR2010	CAR2512
Power Rating (W) at 70°C special high power rating	0.0625	0.0625 0.1	0.1 0.125	0.125 0.25	0.25	0.5
Resistance Range (Ω)	50 to 100k	2 to 400k	1 to 1M	1 to 2M		
Tolerances (depending on value)	0.01% / 0.05% / 0.1% / 0.25% / 0.5% / 1%					
Temperature Coefficient (depending on value)	± 5 to ± 50					
Dimensions (LxW) mm [inches]	1.00 x 0.50 [0.04 x 0.02]	1.60 x 0.80 [0.06 x 0.03]	2.00 x 1.25 [0.08 x 0.05]	3.10 x 1.55 [0.12 x 0.06]	5.00 x 2.50 [0.20 x 0.10]	6.30 x 3.10 [0.25 x 0.12]
Packaging (pcs) Tape and Reel	10,000	5,000			4,000	

Power Derating Curve



Ordering Information

Part Number - Resistance - Tolerance - TCR - Packaging

Example: CAR 0402 50Ohms 0.05% 25ppm

(Note: if no TCR is specified: The highest value will be supplied)