Power Metal Fixed Resistors

Performance Specification

Short Time Overload	±(2.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Dielectric Withstanding Voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown.
Pulse Overload	±(5.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Terminal Strength	No evidence of mechanical damage.
Resistance to Soldering Heat	±(1.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Solderability	Min. 95% coverage.
Resistance to Solvent	No deterioration of protective coating and markings.
Temperature Cycling	±(2.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Humidity (Steady state)	±(2.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Load Life In Humidity	<100KΩ: ±(5.0% + 0.05Ω)Max ≥100KΩ: ±(10.0% + 0.05Ω)Max
Load Life	<100KΩ: ±(5.0% + 0.05Ω)Max ≥100KΩ: ±(10.0% + 0.05Ω)Max

Ordering Procedure: Ex.: PMR 1W-SSS +/-5% 100Ω, T/B-1000

P	M	R	0	1	T	J	0	1	0	1	A	5	0

Type:
PMR=Power Metal

Feature:
0 = Standard

Wattage:
1T = 1W-SSS
2S = 2W-S
3S = 3W-S

Tolerance:
G = ±2%
J = ±5%
K = ±10%

Resistance Value:
- E-24 series:
  1st digit is "0"
  2nd & 3nd digits are the significant figures of the resistance
  4th indicates the number of zeros:
  "J" ~ 0.1, "K" ~ 0.01
  Ex.: 4.7Ω, ~47J, 4.7KΩ ~ 472
- E-96 series:
  1st to 3nd digits are the significant figures of the resistance and the 4th digit indicates the number of zeros.
  Ex.: 1.33 KΩ = 1331

Packing Type:
A = Tape/Box
T = Tape/Reel
B = Bulk/Box
P = Tape/Box of PT-26mm

Packing Qty:
1 = 1,000 pcs. 2 = 2,000 pcs.
5 = 5,000 pcs. A = 500 pcs.
B = 2,500 pcs. 0 = Bulk/Box

Additional Information:
0 = PT-52mm, PT-26mm,
Standard lead wire for Bulk/Box
7 = Lead wire (H=38mm)
8 = PT-58mm
9 = PT-64mm
A = PT-83mm
C = PT-73mm
D = PT-71mm

RoHS Compliant

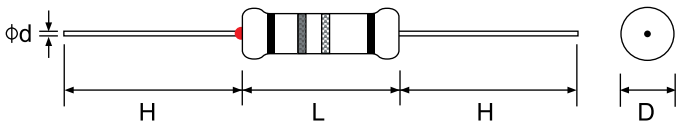
ROYALOHM

Power Metal Fixed Resistors

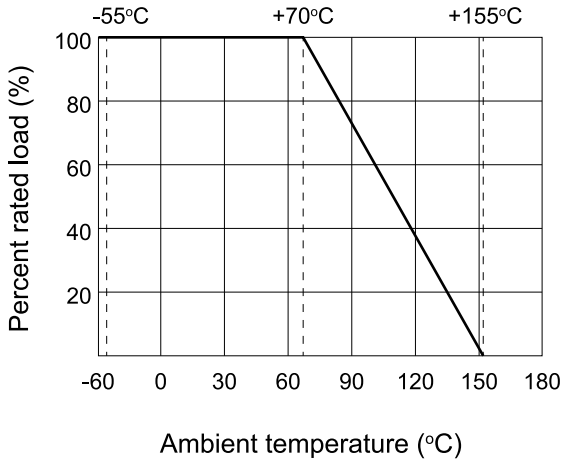
Features

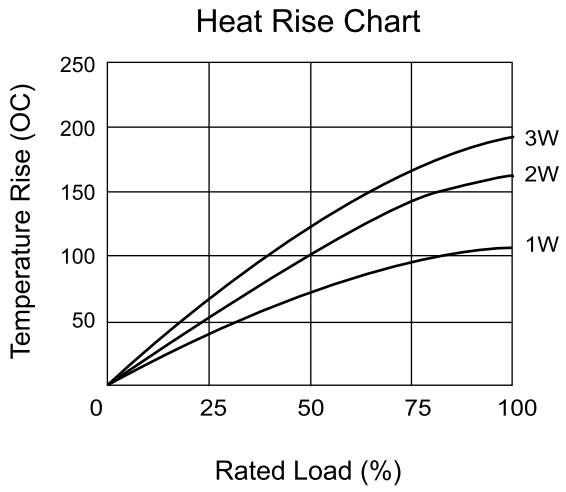
- High Power, small in dimension
- Stable performance against environment conditions
- Define interruption behavior
- Application: All general purpose power application

Standard : 2% ,5% ,10% -- E-24 series



Part No.	Style	Power Rating at 70°C	Dimension (mm)					Max Working Voltage	Max Overload Voltage	Dielectric Withstanding Voltage	Resistance Range	TCR (PPM/C)	Std Packing Qty
			D Max	L Max	H±3	d±0.05	PT						
PMR01T	PMR 1W -SSS	R<1Ω(0.6W)	2.5	6.5	25	0.54	52	350V	400V	350V	0.56Ω~100KΩ	±350	5,000
		R≥1Ω(1W)									101KΩ~470KΩ	±400	
											471KΩ~1MΩ	±800	
PMR02S	PMR 2W-S	2W	4.0	11.0	25	0.75	52	500V	600V	350V	3.9Ω~100KΩ	±350	1,000
											101KΩ~680KΩ	±400	
PMR03S	PMR 3W-S	3W	5.5	16.0	25	0.75	64	750V	800V	350V	12Ω~100KΩ	±350	1,000
											101KΩ~180KΩ	±400	





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