

Power Metal Fixed Resistors

Performance Specification

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

Ordering Procedure: Ex.: PMR 1W-SSS +/-5% 100 Ω , 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 & 3rd 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 3rd 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	

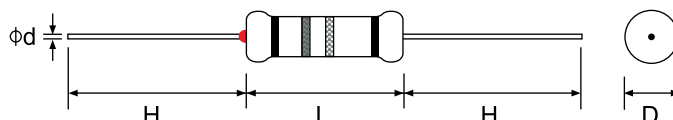
Power Metal Fixed Resistors

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℃	Dimension (mm)					Max Working Voltage	Max Overload Voltage	Dielectric Withstanding Voltage	Resistance Range	TCR (PPM/℃)	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
		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	

