

MR/MRS/TMR Series

低抵抗値モールド抵抗器 / Low Resistance Value Resistor – Molded 2 and 4 Leads

Stackpole Electronics, Inc.

Resistive Product Solutions

特長 / Features:

- 金属素子抵抗
- 優れた定格負荷安定性
- 非誘導体
- スズメッキ銅線使用
- 低抵抗温度係数
- モールド成形品
- TMR – ケルビンブリッジテスト
- MRS 高安定品
- リードカット品、リード成形品の供給可能。
- 詳細については、弊社営業にお問い合わせください
- Metal element resistors
- Excellent load life stability
- Inherently non-inductive
- Tinned copper leads
- Low temperature coefficient
- Molded bodies
- TMR – Kelvin Bridge Test
- MRS high stability version
- Cut and formed product is available on selected sizes
- Contact Sales Staff for details



定格 / Electrical Specifications

形名 Type / Code	定格電力 Power Rating (Watts) @ 70°C	短時間過負荷 Short Time Overload	耐電圧 Dielectric Strength	抵抗温度係数 Resistance Temperature Coefficient	抵抗値範囲 (Ω) / 抵抗値許容差 Ohmic Range (Ω) and Tolerance
					1%, 5%
MR 1	1W	5 sec. at 5x rated power	500 VAC	±50 to ±400 ppm/°C (1)	0.01 - 0.1
MR 3	3W	5 sec. at 5x rated power	500 VAC	±50 to ±400 ppm/°C (1)	0.005 - 0.2
MR 5	5W	5 sec. at 5x rated power	500 VAC	±50 to ±400 ppm/°C (1)	0.005 - 0.3
MR 10	10W	5 sec. at 5x rated power	500 VAC	±50 to ±400 ppm/°C (1)	0.01 - 0.5
TMR 3	3W	5 sec. at 5x rated power	500 VAC	±40 ppm/°C	0.005 - 0.2
TMR 5	5W	5 sec. at 5x rated power	500 VAC	±40 ppm/°C	0.005 - 0.3

(1) 温度抵抗係数の詳細に関しては、弊社営業にお問い合わせください。
TCR is value dependent. Contact Sales Staff for specific data.

性能 / Performance Characteristics

試験項目 Test	規格値 Test Results
耐湿性 Moisture Resistance	±5%
温度急変 Thermal Shock	±2%
定格負荷 (70°C 1000h) Load Life @ 70°C - 1,000 hrs.	±5%
はんだ耐熱性 Resistance to Soldering Heat	±2%
短時間過負荷 Short Time Overload	±2%
絶縁耐電圧 Dielectric Withstanding Voltage	±2%

使用温度範囲 / Operating Temperature Range: -55°C to +275°C

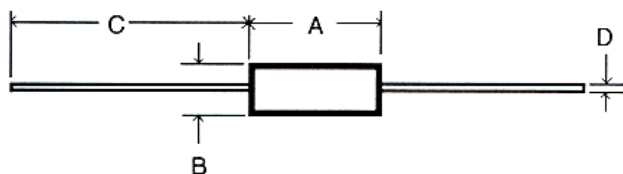
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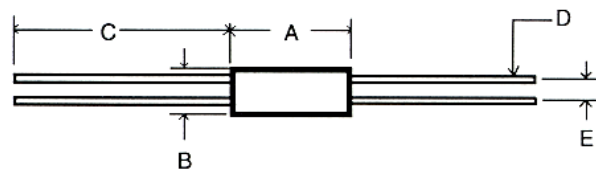
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MR



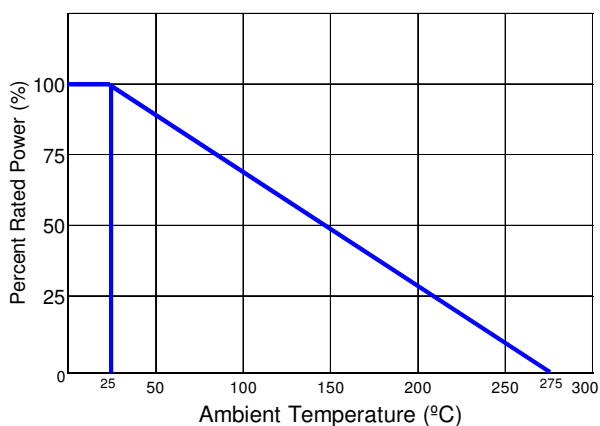
TMR



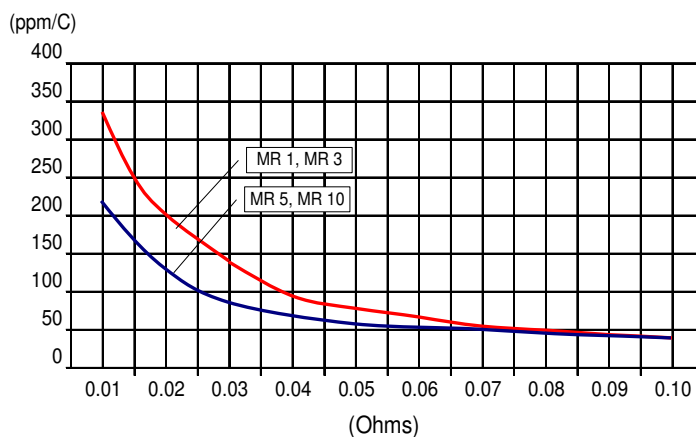
外形寸法 / Mechanical Specifications

Type / Code	寸法 / Dimensions (mm)				
	A : Body Length	B : Body Diameter	C : Lead Length	D : Lead Diameter	E : Lead Spacing(Ref.)
許容差 Tolerance	±0.4	±0.4	±3.4	±0.05	-
MR 1	9.8	3.4	34.9	0.81	-
MR 3	14.2	5.2	34.9	0.81	-
MR 5	23.5	8.4	34.9	0.91	-
MR 10	46.4	10	34.9	0.91	-
TMR 3	15.9	5.2	34.9	0.81	3.2
TMR 5	23.9	8.4	34.9	0.91	5.1

Power Derating Curve:



TCR x Resistance:



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形名構成 / How to Order

