

WRF Series

不燃巻線抵抗器 / Conformal Coated Wirewound Resistor

Stackpole Electronics, Inc.

Resistive Product Solutions

特長 / Features:

- 不燃塗料コーティング品
- 不燃性部品
- 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、弊社営業に問い合わせください
- Conformal coating
- Flameproof construction
- Cut and formed product is available on select sizes
Contact Sales Staff for details



定格 / Electrical Specifications

形名 Type / Code	定格電力 Power Rating (Watts) @ 25°C	最高使用電圧 Maximum Working Voltage (1)	絶縁耐電圧 Dielectric Withstanding Voltage (RMS)	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
					5%
WRF 1	1W	√PR	700V	-80 ppm/°C ~ +900 ppm/°C	0.1 - 33
WRF 2	2W	√PR	700V	-80 ppm/°C ~ +900 ppm/°C	0.1 - 220
WRF 3	3W	√PR	700V	-80 ppm/°C ~ +900 ppm/°C	0.1 - 220

(1) √PRは、√(定格電力×公称抵抗値)を表す。

性能 / Performance Characteristics

試験項目 Test	規格値 Test Results
周囲温度 Rated Ambient Temperature	85°C
過負荷特性 Overload 15 Times the Rated Wattage	Open circuit within 2 minutes
短時間過負荷 Short Time Overload	± 3% + 0.05Ω
はんだ耐熱性? Effective Soldering	± 2% + 0.05Ω
絶縁抵抗 Insulation Resistance	>10 ⁴ MΩ
絶縁耐電圧 Dielectric Withstanding Volt	± 2% + 0.05Ω
定格負荷 Load Life @ 70°C - 1,000 hrs.	± 5% + 0.05Ω
耐湿負荷 Moisture Resistance	± 5% + 0.05Ω
衝撃と振動 Shock and Vibration	± 1% + 0.05Ω
はんだ付け性 Solderability	90% tin covered min.
抵抗温度係数 Temperature Coefficient	-80 ± 900 ppm/°C

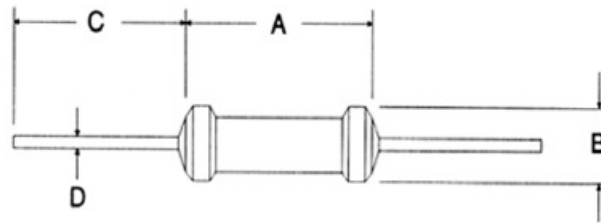
使用温度範囲 / Operating Temperature Range: -55°C to +200°C (WRF 1, 2)
-55°C to +220°C (WRF 3)

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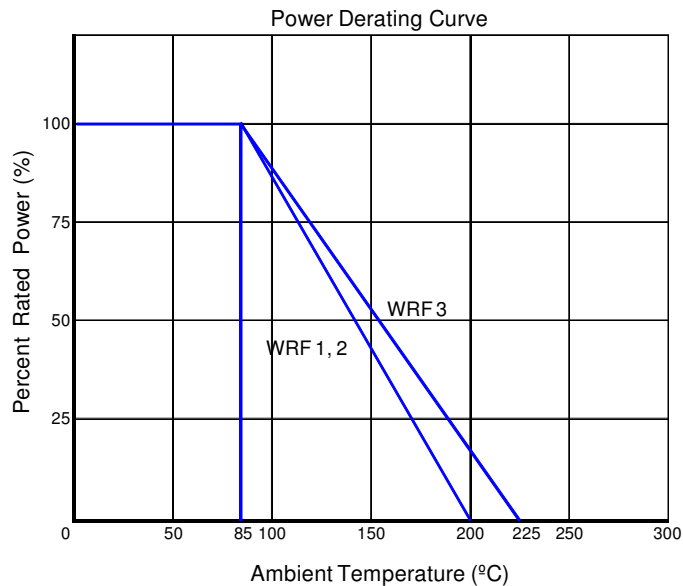
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外形寸法 / Mechanical Specifications				
形名 Type / Code	寸法 / Dimensions (mm)			
	A : Body Length	B : Body Width	C : Lead Length(Bulk)	D : Lead Diameter
WRF 1	11 max	5 max	28 ± 3	0.78 ± 0.05
WRF 2	16 max	5 max	28 ± 3	0.78 ± 0.05
WRF 3	16 max	5 max	28 ± 3	0.78 ± 0.05

Power Derating Curve:



形名構成 / How to Order

