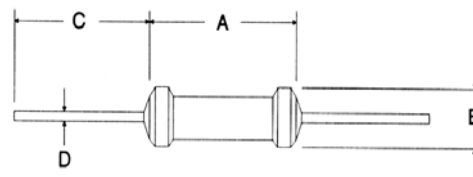


Features

- Conformal coating
- Flameproof construction
- Cut and formed product is available on select sizes; contact factory for details
- RoHS compliant / lead-free



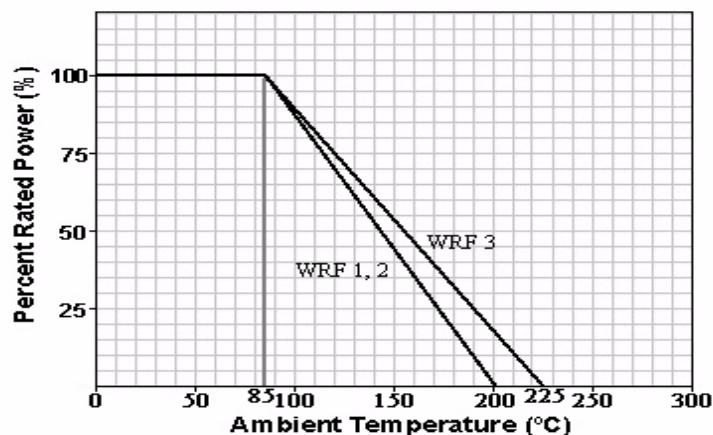
Electrical Specifications

Type / Code	Power Rating (Watts) @ 25°C	Maximum Working Voltage	Dielectric Withstanding Voltage (RMS)	Resistance Temperature Coefficient	Ohmic Range and Tolerance
					5%
WRF 1	1W	√PR	700V	-80 ppm/°C ~ +900 ppm/°C	0.1Ω – 680Ω
WRF 2	2W	√PR	700V	-80 ppm/°C ~ +900 ppm/°C	0.1Ω – 1.2KΩ
WRF 3	3W	√PR	700V	-80 ppm/°C ~ +900 ppm/°C	0.1Ω – 1.2KΩ

Mechanical Specifications

Type / Code	A Body Length	B Body Width	C Lead Length (Bulk)	D Lead Diameter	Units
WRF 1	0.433 max 11.0 max	0.197 max 5.0 max	1.10 ± 0.08 28.0 ± 2.0	0.031 ± 0.002 0.78 ± 0.05	inches mm
WRF 2	0.630 max 16.0 max	0.197 max 5.0 max	1.10 ± 0.08 28.0 ± 2.0	0.031 ± 0.002 0.80 ± 0.05	inches mm
WRF 3	0.630 max 16.0 max	0.197 max 5.0 max	1.10 ± 0.12 28.0 ± 3.0	0.031 ± 0.002 0.80 ± 0.05	inches mm

Power Derating Curve



Performance Characteristics

Test	Test Results
Moisture Resistance	±5% +0.05Ω
Thermal Shock	±2% +0.05Ω
Load Life @ 70°C – 1,000 hrs	±5% +0.05Ω
Shock and Vibration	±1% +0.05Ω
Resistance to Soldering Heat	±2% +0.05Ω
Short Time Overload	±3% +0.05Ω

Operating Temperature Range: -55°C to +200°C(WRF1,2)
-55°C to +225°C(WRF3)

How to Order

WRF		2	1.1K	5%	A			
SEI Type		Code	Nominal Resistance	Tolerance	Packaging			
SEI Type	Description	Code	Tolerance	Values	SEI Type	Pkg Qty	Description	Code
WRF	Conformal Coated WW	1	5%	E24	All	1,000	Bulk	A
		2			All	2,000	Tape	R
		3						