

- Features:
- Robust metal oxide film element
 - Flameproof design
 - Compact Size
 - Useful in circuits where duty cycles require power resistors
 - Tin-plated copper leads
 - Cut and formed product is available on select sizes; contact factory for details
 - RoHS compliant / lead-free

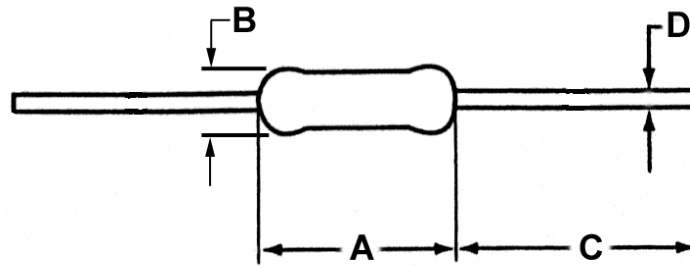


Electrical Specifications						
Type / Code	Power Rating (Watts) @ 70°C	Maximum Working Voltage (1)	Maximum Pulse Voltage	Resistance Temperature Coefficient	Ohmic Range (Ω) and Tolerance	
					1%	5%
RSPF 1/2	0.5W	400V	800V	-200 ppm/°C ~ +350 ppm/°C	10 - 100K	2.2 - 1M
RSPF 1	1W	500V	1,000V	-200 ppm/°C ~ +350 ppm/°C	10 - 100K	2.2 - 1M
RSPF 2	2W	500V	1,000V	-200 ppm/°C ~ +350 ppm/°C	10 - 100K	2.2 - 1M
RSPF 3	3W	500V	1,000V	-200 ppm/°C ~ +350 ppm/°C	10 - 100K	2.2 - 1M
RSPL 1/2	0.5W	√PR	√PR x 2.5	-200 ppm/°C ~ +350 ppm/°C	-	0.1 - 2
RSPL 1	1W	√PR	√PR x 2.5	-200 ppm/°C ~ +350 ppm/°C	-	0.1 - 2
RSPL 2	2W	√PR	√PR x 2.5	-200 ppm/°C ~ +350 ppm/°C	-	0.1 - 2
RSPL 3	3W	√PR	√PR x 2.5	-200 ppm/°C ~ +350 ppm/°C	-	0.1 - 2

(1) Lesser of √PR or maximum working voltage

How to Order

SEI Type		Code		Nominal Resistance	Tolerance	Packaging					
RSPF		1/2		10	5%	A					
Type	Description	Code	Wattage			Tolerance	Values	Types	Qty	Description	Code
RSPF	Flameproof	1/2	0.5W			1%	E24	RSPF 1/2, RSPF 1, RSPL 1/2, RSPL 1	2,500	Reel	R
RSPL	Low values	1	1W			5%	E12	RSPF 2, RSPL 2	1,000		
		2	2W					RSPF 3, RSPL 3	500		
		3	3W					RSPF 1/2, RSPF 1, RSPL 1/2, RSPL 1	2,000	Ammo	T
								RSPF 2, RSPL 2	1,000		
								RSPF 3, RSPL 3	500		
								All	1,000	Bulk	A



Mechanical Specifications					
Type / Code	A Body Length	B Body Diameter	C Lead Length (Bulk)	D Lead Diameter	Units
RSPF / RSPL 1/2	0.24 ± 0.04	0.09 ± 0.01	1.1 ± 0.08	0.024 ± 0.002	inches
	6.0 ± 0.3	2.3 ± 0.2	28.0 ± 2.0	0.6 ± 0.05	mm
RSPF / RSPL 1	0.35 ± 0.02	0.12 ± 0.02	1.1 ± 0.08	0.028 ± 0.002	inches
	9.0 ± 0.5	3.0 ± 0.5	28.0 ± 2.0	0.7 ± 0.05	mm
RSPF / RSPL 2	0.43 ± 0.02	0.16 ± 0.02	1.38 ± 0.12	0.031 ± 0.002	inches
	11.0 ± 0.5	4.0 ± 0.5	35.0 ± 3.0	0.8 ± 0.05	mm
RSPF / RSPL 3	0.59 ± 0.02	0.22 ± 0.02	1.38 ± 0.12	0.031 ± 0.002	inches
	15.0 ± 0.5	5.5 ± 0.5	35.0 ± 3.0	0.8 ± 0.05	mm

Performance Characteristics (JIS C 5202)	
Test	Test Results
Short Time Overload	±(0.75% + 0.05Ω)
Moisture Resistance	±(5% + 0.05Ω)
Load Life @ 70°C - 1,000 hours	±(5% + 0.05Ω)
Dielectric Withstanding Voltage	±(5% + 0.05Ω)
Resistance to Solvent	Permanent marking no physical damage or deterioration
Non-combustibility	Does not burn continuously for more than 5 seconds

Operating Temperature Range: -55°C to +155°C