

- Features:
- High performance for low cost
  - Complete welded terminations
  - Tinned copper leads
  - High temperature silicone coating
  - Bulk packaging available – contact Stackpole for package quantities
  - RoHS compliant / lead-free

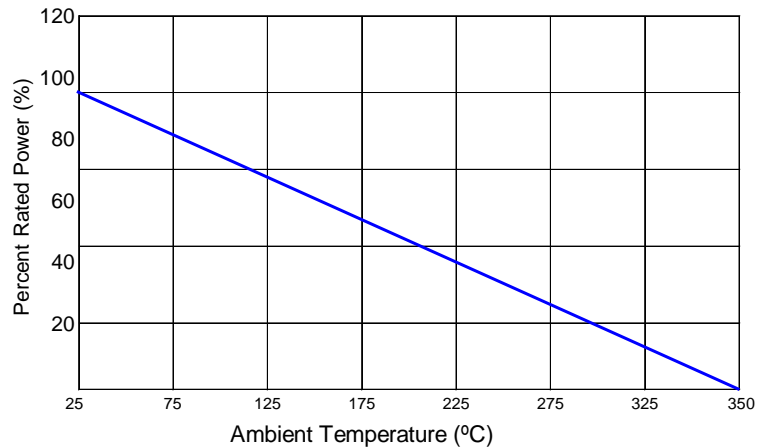


Electrical Specifications				
Type / Code	Dielectric Strength (V)	Power Rating (Watts) @ 25°C	Resistance Temperature Coefficient	Ohmic Values (Ω) and Tolerance
SP3A	1,000V	4W	± 20ppm	10 - 100
				5%

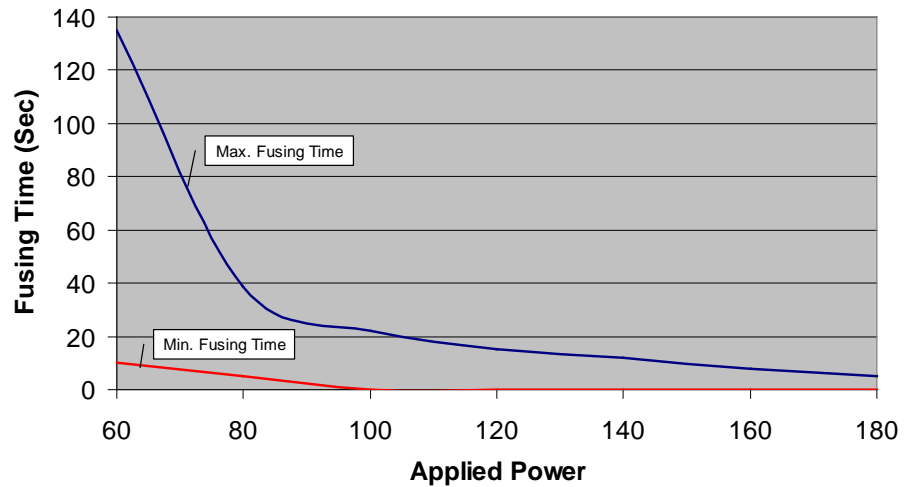
Mechanical Specifications					
Type / Code	A	B	C	D (Bulk)(1)	Unit
SP3A	0.500 ± 0.062 12.70 ± 1.57	0.218 ± 0.031 5.54 ± 0.79	0.032 ± 0.002 0.81 ± 0.05	1.500 typ. 38.10 typ.	inches mm

(1) See Packaging Specifications for lead length dimension for tape and reel packaged product  
Operating Temperature: -55°C to + 350°C

**Power Derating Curve:**



**Fusing Time:**



Packaging Specifications							
Series	Code	A max <sup>(1)</sup>	B max	C	D <sup>(2)</sup>	Tape	Unit
SP	3A	2.063 52.40	11.000 279.40	0.400 ± 0.020 10.16 ± 0.50	2.063 ± 0.079 52.40 ± 2.00	0.250 6.35	inches mm

Dimension "E": This is a non-critical dimension that does not have a tolerance in the standard.

Range of diameters is from 0.547 inches (13.90 mm) to 1.500 inches (38.10 mm).

- (1) Reference value only. The "A" dimension shall be governed by the overall length of the taped component. The distance between flanges shall be 0.059 inches (1.50 mm) to 0.315 (8.00 mm) greater than the overall component.
- (2) The given dimension "D" expresses the standard width spacing. A 26mm narrow spacing is available as option "N" packaging code.

How to Order									
1	2	3	4	5	6	7	8	9	10
S	P	3	A	J	T	1	0	0	R
Product Series		Tolerance		Packaging				Resistance Value	
SP3A		Code	Tol	Code	Description	Size	Quantity	Four characters with the "R" multiplier used as the decimal holder	
		J	5%	T	11" Reel Tape	SP3A	500	10 ohm = 10R0 100 ohm = 100R	