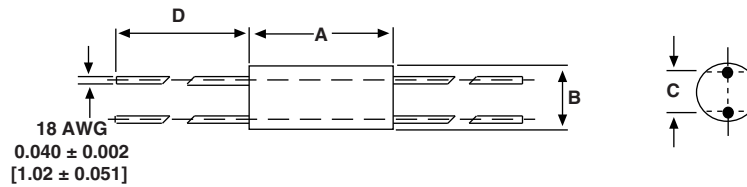






**DIMENSIONS** in inches [millimeters]



GLOBAL MODEL	DIMENSIONS in inches [millimeters]			
	A	B	C	D
SPU050	0.660 ± 0.010 [16.76 ± 0.25]	0.312 ± 0.010 [7.92 ± 0.25]	0.200 ± 0.015 [5.08 ± 0.38]	1.000 + 0.25 - 0.125 [25.40 + 6.35 - 3.17]
SPU051	0.790 ± 0.010 [20.06 ± 0.25]	0.375 ± 0.010 [9.52 ± 0.25]	0.200 ± 0.015 [5.08 ± 0.38]	1.000 + 0.25 - 0.125 [25.40 + 6.35 - 3.17]
SPU052	1.000 ± 0.010 [25.40 ± 0.25]	0.375 ± 0.010 [9.52 ± 0.25]	0.125 ± 0.015 [3.17 ± 0.38]	1.000 minimum [25.40 minimum]
SPU053	1.870 ± 0.010 [47.50 ± 0.25]	0.437 ± 0.010 [11.10 ± 0.25]	0.125 ± 0.015 [3.17 ± 0.38]	1.000 minimum [25.40 minimum]

**MATERIAL SPECIFICATIONS**

**Element:** Nickel-chromium alloy or copper-manganese alloy, depending on resistance value

**Molding Material:** SPU050/051 thermo-set epoxy  
SPU052/053 thermo-set silicone

**Standard Terminals:** SPU050/051: 100 % Sn or 60/40 Sn/Pb coated Copperweld®

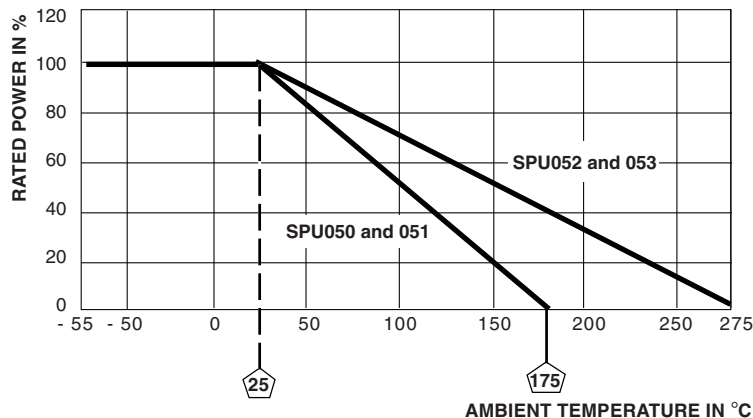
SPU052/053: 100 % Sn or 60/40 Sn/Pb coated copper

**Part Marking:** DALE, model, wattage, value, tolerance, date code

**AMBIENT TEMPERATURE DERATING**

Derating is required for ambient temperature above 25 °C per the following graph

**DERATING**





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