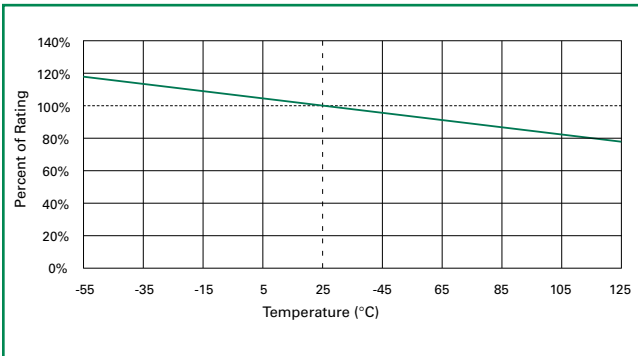
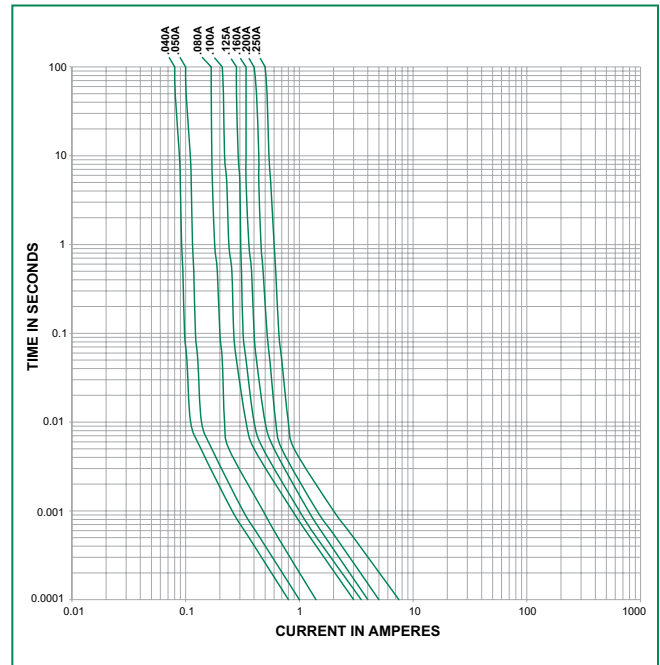


### Temperature De-Rating Curve

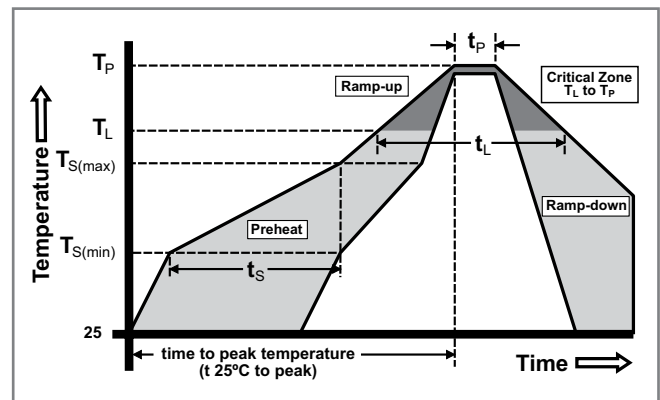


### Average Time Current Curves



### Soldering Parameters

Reflow Condition		Pb – Free assembly
Pre Heat	- Temperature Min ( $T_{s(min)}$ )	150°C
	- Temperature Max ( $T_{s(max)}$ )	200°C
	- Time (min to max) ( $t_s$ )	60 – 180 secs
Average ramp up rate (Liquidus Temp ( $T_L$ ) to peak)		5°C/second max
$T_{s(max)}$ to $T_L$ - Ramp-up Rate		5°C/second max
Reflow	- Temperature ( $T_L$ ) (Liquidus)	217°C
	- Temperature ( $t_L$ )	60 – 150 seconds
Peak Temperature ( $T_p$ )		250 <sup>+0/-5</sup> °C
Time within 5°C of actual peak Temp. ( $t_p$ )		20 – 40 seconds
Ramp-down Rate		5°C/second max
Time 25°C to peak Temperature ( $T_p$ )		8 minutes Max.
Do not exceed		260°C



Wave Soldering

260°C, 10 seconds max.

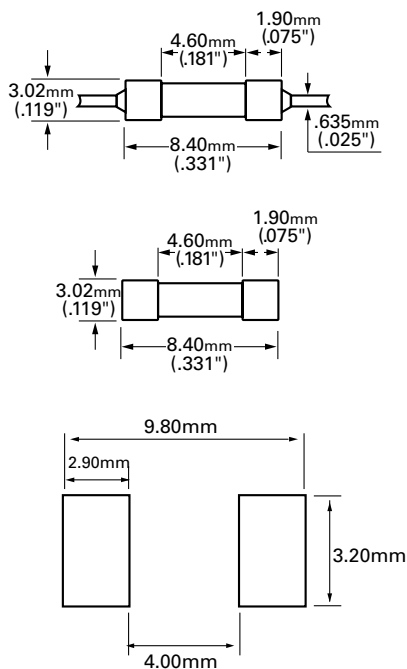
### Material Information

Body	Ceramic
Leads	Tin-Plated Copper
Endcaps	Silver-Plated Brass

### Product Characteristics

Operating Temperature	-40°C to 125°C (Consider re-rating)
Thermal Shock	Withstands 5 cycles of - 55°C to 125°C
Vibration	Per MIL-STD-202 Method 201
Insulation Resistance (After Opening)	Greater than 10,000 ohms.

### Dimensions



### Part Numbering System

**0242.050UAT1**

**SERIES**

**AMP CODE**

Refer to Amp Code column in the Electrical Specifications table.

**QUANTITY & PACKAGING CODE**

HAT1 = 100 pcs, Axial Leaded, Ammo Pack T1 Tape

UAT1 = 500 pcs, Axial Leaded, Ammo Pack T1 Tape

UR = 500 pcs, Surface Mount, Tape & Reel

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