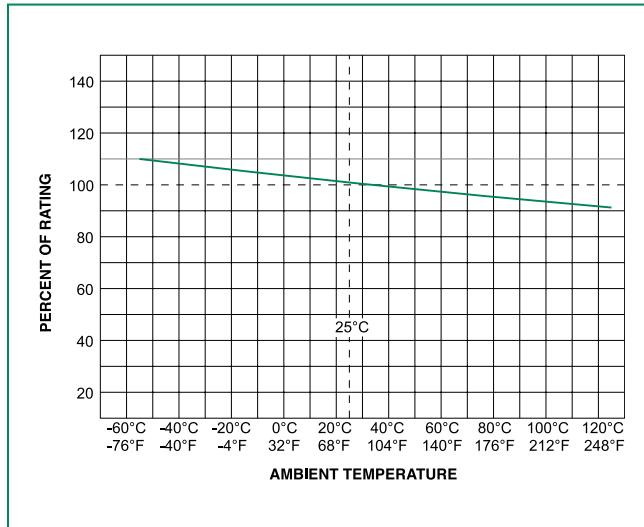


### Temperature Re-rating Curve



Note:  
Derating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

### Soldering Parameters

#### Recommended Process Parameters:

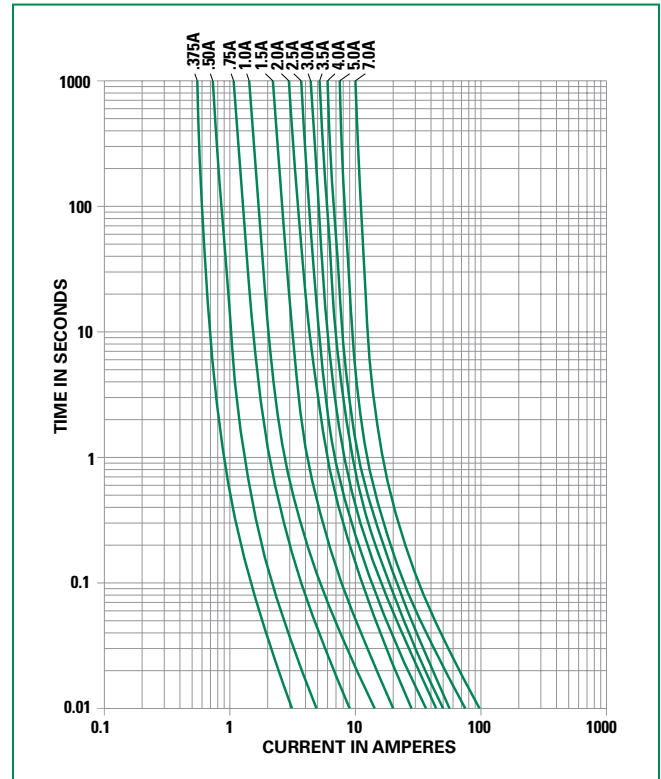
Wave Parameter	Lead-Free Recommendation
<b>Preheat:</b> (Depends on Flux Activation Temperature)	(Typical Industry Recommendation)
Temperature Minimum:	100°C
Temperature Maximum:	150°C
Preheat Time:	60-180 seconds
<b>Solder Pot Temperature:</b>	260°C Maximum
<b>Solder Dwell Time:</b>	2-5 seconds

#### Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350°C +/- 5°C  
Heating Time: 5 seconds max.

**Note: These devices are not recommended for IR or Convection Reflow process.**

### Average Time Current Curves

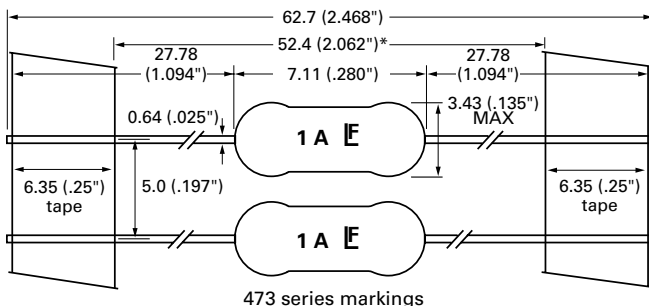


### Product Characteristics

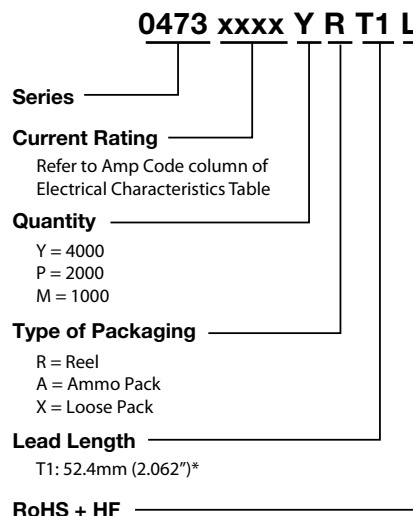
<b>Materials</b>	Encapsulated, Epoxy-Coated Body; Solder Coated Copper wire leads; RoHS compliant Product: Pure Tin-coated Copper wire leads
<b>Solderability</b>	MIL-STD-202, Method 208
<b>Lead Pull Force</b>	MIL-STD-202, Method 211, Test Condition A (will withstand 7 lbs. axial pull test)
<b>Operating Temperature</b>	-60°C to +125°C (Consider re-rating)
<b>Shock</b>	MIL-STD-202, Method 213, Test Condition I (100 G's peak for 6 milliseconds)

<b>Vibration</b>	MIL-STD-202, Method 201 (10–55 Hz); MIL-STD-202, Method 204, Test Condition C (55–2000 Hz at 10 G's Peak)
<b>Salt Spray</b>	MIL-STD-202, Method 101, Test Condition B
<b>Insulation Resistance (After Opening):</b>	MIL-STD-202, Method 302, (10,000 ohms minimum at 100 volts)
<b>Resistance to Soldering Heat</b>	MIL-STD-202, Method 210, Test Condition C (20 sec at 260°C)
<b>Thermal Shock</b>	MIL-STD-202, Method 107, Test Condition B (-65°C to 125°C)
<b>Moisture Resistance</b>	MIL-STD-202, Method 106 (90–98% RH), Heat (65°C)

### Dimensions



### Part Numbering System



### Packaging

Packaging Option	Packaging Specification	Quantity & Packaging Code
*T1: 52.4mm (2.062") Tape and Reel	EIA 296	Please refer to available quantities above in "Part Numbering System"

Notes: \* T1 dimension is defined as the length of the component between the two tapes. The full component length is 62.7mm (2.468").

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