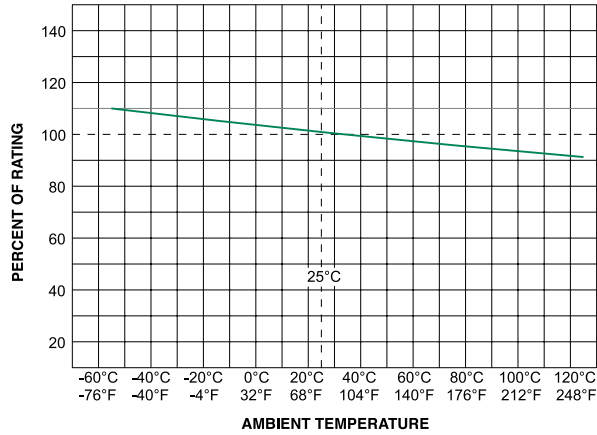


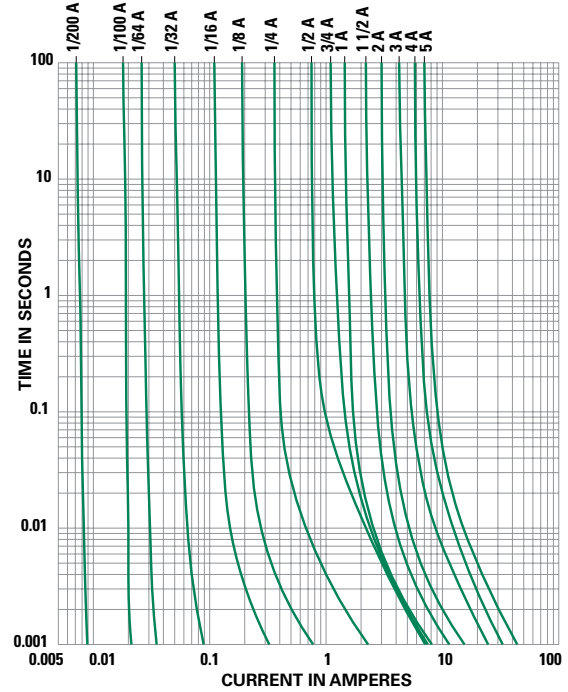
Temperature Re-rating Curve



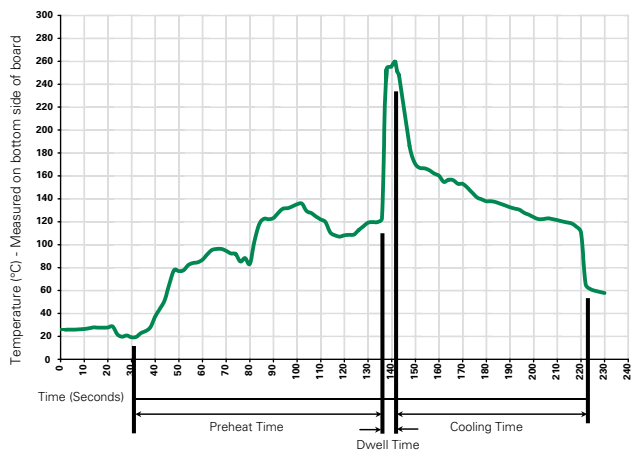
Note:

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

Average Time Current Curves



Soldering Parameters - Wave Soldering



Recommended Process Parameters:

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

Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350° C +/- 5° C

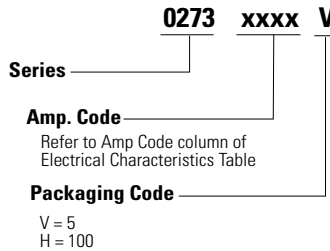
Heating Time: 5 seconds max.

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

Product Characteristics

Operating Temperature:	273 and 279: -55°C to +85°C; 272 and 278: -55°C to +125°C
Fuses to MIL SPEC	Military QPL type (FM02). To order, change 273 to 274.
Materials	272 and 278 series cap: Nickel Plated Brass 273, 274 and 279 series cap: Mirror polished Polycarbonate Base: R-4 Ryton Pins: Tin Plated Copper
Product Marking	Current and voltage ratings stamped on cap

Part Numbering System



Additional Information



**Datasheet
272 Series**



**Datasheet
273 Series**



**Datasheet
274 Series**



**Datasheet
278 Series**



**Datasheet
279 Series**



**Resources
272 Series**



**Resources
273 Series**



**Resources
274 Series**



**Resources
278 Series**



**Resources
279 Series**



**Samples
272 Series**



**Samples
273 Series**



**Samples
274 Series**



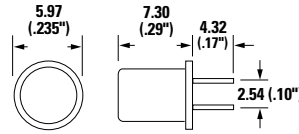
**Samples
278 Series**



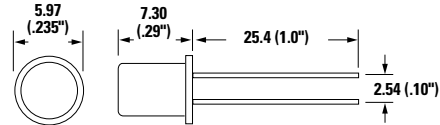
**Samples
279 Series**

Dimensions

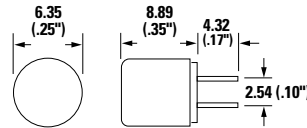
272 000 Series
(Short Lead, Metal Cap)



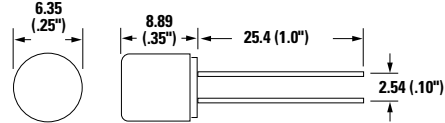
278 000 Series
(Long Lead, Metal Cap)



273 000 and 274 000 Series
(Short Lead, Clear Plastic Cap)



279 000 Series
(Long Lead, Clear Plastic Cap)



NOTE: Amperage and voltage rating stamped on cap.
Leads are tin plated copper; .025" diameter.

Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code
Bulk	N / A	5	V
Bulk	N / A	100	H

*Only V-pack version for low current rating from 0.002 - 0.062 (A) and for 274, 278, 279 Series