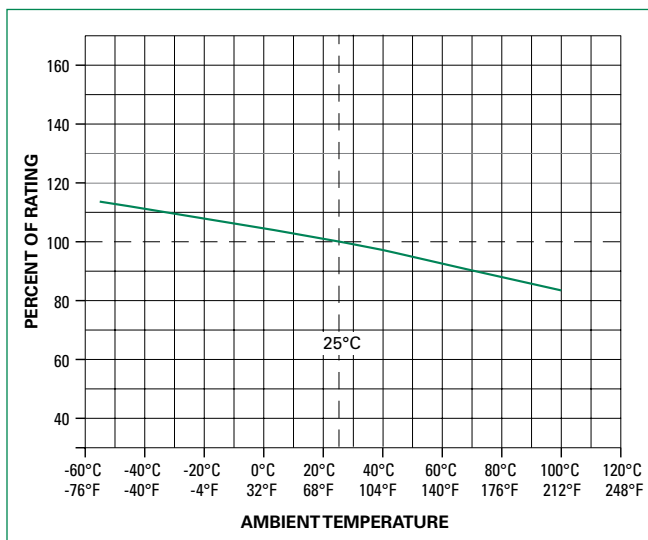


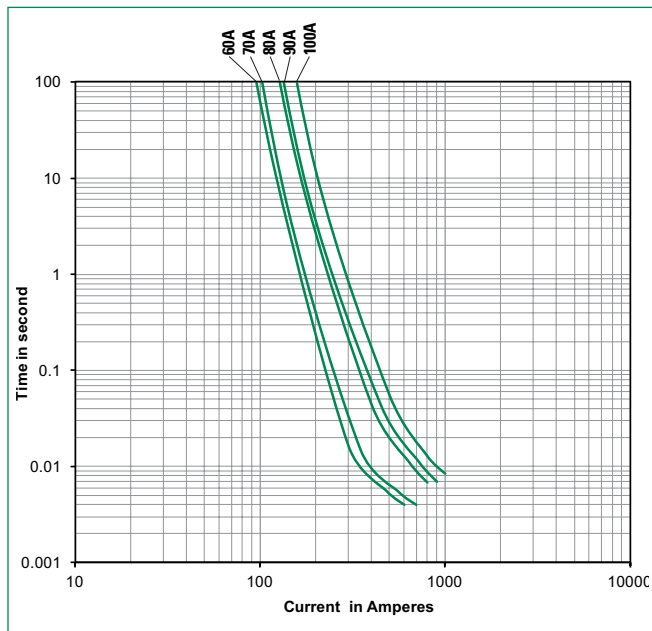
Temperature Re-rating Curve



Note:

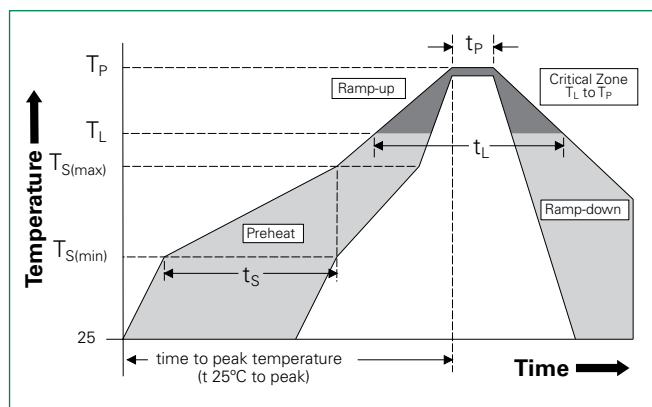
1. Derating depicted in this curve is in addition to the standard derating of 25% for continuous operation.
Example:
For continuous operation at 70°C, the fuse should be re-rated as follows:
 $I = (0.75)(0.90)I_{RAT} = (0.675)I_{RAT}$
2. The temperature re-rating curve represents nominal conditions. For questions about the temperature re-rating curve, please consult Littelfuse technical support assistance.

Average Time Current Curves

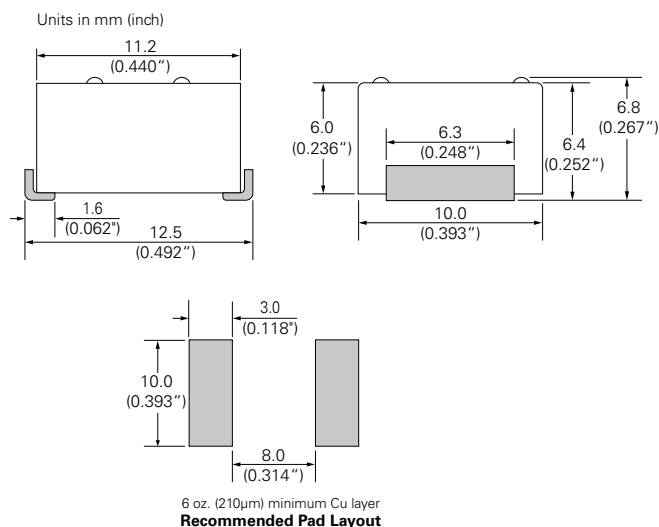


Soldering Parameters

Reflow Condition		Pb – Free assembly
Number of allowed reflow cycles		3
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)		260 $\pm$ 0/-5 °C
Time within 5°C of actual peak Temperature (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



Dimensions



Part Numbering System

0881 100. U R

SERIES ——— 0881

AMP Code* ——— 100.
Refer to Electrical Specifications table

QUANTITY Code ——— U
U = 500 Pieces

PACKAGING Code ——— R
R = Tape and Reel

***Example:**
60 amp product is 0881060.UR
(100 amp product shown above).

Product Characteristics

Materials	Body: Thermoplastic, RTI 150°C Terminations: Tin-plated Copper
Product Marking	Brand logo, Voltage Rating, and Ampere Rating
Operating Temperature 1 2	-55° to +100°C with proper derating

Notes:

- Based on loading at 75% of ampere rating when mounted using recommended pad layout.
- Usage outside of stated operating temperature range requires testing in application. Maintain case temperature below 150°C in application.

Thermal Shock	MIL-Std 202 Method 107 Test Condition B (-65°C to 125°C, 5 cycles).
Moisture Resistance	MIL-Std 202 method 106 High Humidity (90-98% RH), Heat (65°C)
Vibration	MIL-STD-202, Method 201 (10-55 Hz)
Mechanical Shock	MIL-STD-202, Method 213, Test Condition I (100 G's peak for 6 milliseconds)
Resistance to Solder Heat	MIL-Std 202 Method 210 Test Condition B (10sec at 260°C)
Solderability	MIL-STD-202 Method 208
MSL Test	Level 1 J-STD-020
Salt Fog	MIL-Std 202 Method 101 Test Condition B (5% NaCL solution, 48 hours exposure)

Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code
24mm Tape and Reel	EIA-481 Rev. D (IEC 60286, part 3)	500	UR

Disclaimer Notice - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at <http://www.littelfuse.com/disclaimer-electronics>.