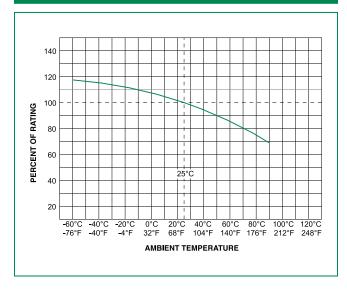
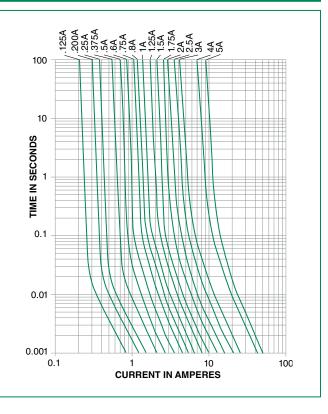


#### **Temperature Rerating Curve**

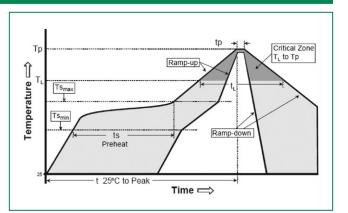
#### **Average Time Current Curves**





## **Soldering Parameters - Wave Soldering**

Reflow Condition		Pb – Free assembly	
Pre Heat	-Temperature Min (T <sub>s(min)</sub> )	150°C	
	-Temperature Max (T <sub>s(max)</sub> )	200°C	
	-Time (Min to Max) (t <sub>s</sub> )	60 – 180 secs	
Average ramp up rate (LiquidusTemp $(T_L)$ to peak		5°C/second max	
T <sub>S(max)</sub> to T <sub>L</sub> - Ramp-up Rate		5°C/second max	
Reflow	-Temperature (T <sub>L</sub> ) (Liquidus)	217°C	
	-Temperature (t <sub>L</sub> )	60 – 150 seconds	
PeakTemperature (T <sub>P</sub> )		250 <sup>+0/-5</sup> °C	
Time within 5°C of actual peak Temperature (t <sub>p</sub> )		20 – 40 seconds	
Ramp-down Rate		5°C/second max	
Time 25°C to peak Temperature (T <sub>P</sub> )		8 minutes Max.	
Do not exceed		260°C	



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## **Product Characteristics**

Dimensions

Materials	Body: Epoxy Substrate Terminations: 95% Tin / 5% Lead over Nickel over Copper Element Cover Coat: Conformal Coating
Operating Temperature	– 55°C to 90°C. Consult temperature rerating curve chart.
Thermal Shock	Withstands 5 cycles of – 55°C to 125°C

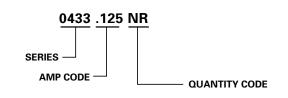
Humidity	MIL-STD-202F Method 103B Condition D	
Vibration	Per MIL-STD-202F, Method 201A	
Insulation Resistance (After Opening)	Greater than 10,000 ohms.	
Resistance to Soldering Heat	Withstands 60 seconds above 200°C and up to 260°C, maximum	

## Part Marking System

#### MARKING CODE VARIES WITH AMPERAGE RATING (SEE CHART) .66 (.026") .58 (.023") |↔ .56 (.022") Coating 3.18 (.125") -Sn/Pb -Cu -Sn/Pb 1.52 (.060") 3.18 (.125") 1.65 † (.065") 1.52<sup>+</sup> (.060") 4.83 (.190") + 1.27 (.050") 3.81 (.150") + 1.14 (.045") 2.03 (.080") 2.03 (.080") WAVE SOLDER REFLOW SOLDER

Amp	Marking
Code	Code
.125	В
.200	С
.250	D
.375	E
.500	F
.600	.6
.750	G
.800	.8
001.	н
1.25	J
01.5	К
1.75	L
002.	N
02.5	0
003.	Р
03.5	R
004.	S
005.	Т

### Part Numbering System



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Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code
Tape & Reel – 8mm tape	EIA RS-481-1 (IEC 286, part 3)	5000	NR

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Specifications are subject to change without notice. Please refer to www.littelfuse.com for the most current information