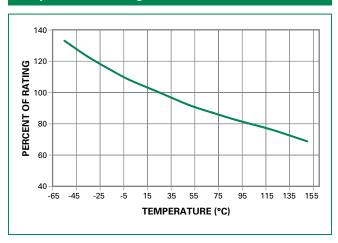


Temperature Re-rating Curve



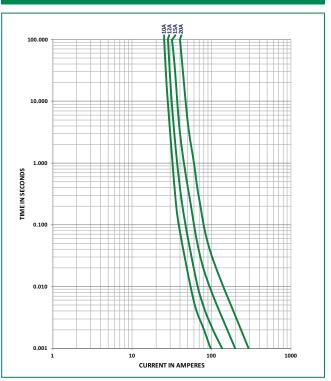
Note:

 Re-rating depicted in this curve is in addition to the standard re-rating of 20% for continuous operation.

Example:

For continuous operation at 75 degrees celsius, the fuse should be rerated as follows: $I=(0.80)(0.85)I_{RAT}=(0.68)I_{RAT}$

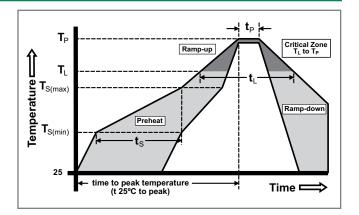
Average Time Current Curves



Soldering Parameters

Reflow Condition		Pb – free assembly
	-Temperature Min (T _{s(min)})	150°C
Pre Heat	-Temperature Max (T _{s(max)})	200°C
	-Time (Min to Max) (t _s)	60 – 180 seconds
Average Ramp-up Rate (Liquidus Temp (T _L) to peak)		3°C/second max.
T _{S(max)} to T _L - Ramp-up Rate		5°C/second max.
Doflass	-Temperature (T _L) (Liquidus)	217°C
Reflow	-Temperature (t _L)	60 – 150 seconds
PeakTemperature (T _P)		260+0/-5 °C
Time within 5°C of actual peak Temperature (t _p)		10 – 30 seconds
Ramp-down Rate		6°C/second max.
Time 25°C to peakTemperature (T _P)		8 minutes max.
Do not exceed		260°C

Wave Soldering	260°C, 10 seconds max.
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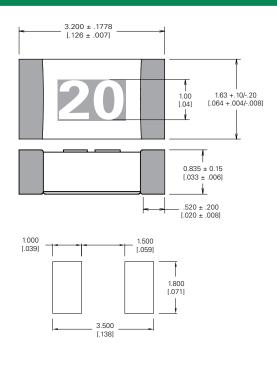


Product Characteristics

Materials	Body: Advanced Ceramic Terminations: Ag / Ni / Sn (100% Lead-free) Element Cover Coating: Lead-free Glass		
Moisture Sensitivity Level	IPC/JEDEC J-STD-020, Level 1		
Solderability	IPC/ECA/JEDEC J-STD-002, Condition B		
Humidity Test	MIL-STD-202, Method 103, Conditions D		
Resistance to Solvents	MIL-STD-202, Method 210, Condition B		

Moisture Resistance	MILSTD-202, Method 106		
Thermal Shock	MIL-STD-202, Method 107, Condition B		
Mechanical Shock	MIL-STD-202, Method 213, Condition A		
Vibration	MIL-STD-202, Method 201		
Vibration, High Frequency	MIL-STD-202, Method 204, Condition D		
Dissolution of Metallization	IPC/ECA/JEDEC J-STD-002, Condition D		
Terminal Strength	IEC 60127-4		

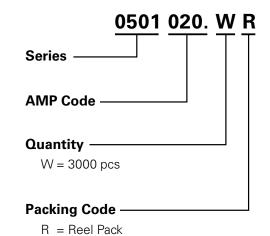
Dimensions



Part Marking System

Amp Code	Marking Code	
010.	10	
012.	12	
015.	15	
020.	20	

Part Numbering System



Packaging

Packaging	Packaging	Quantity	Quantity &
Option	Specification		Packaging Code
8mm Tape and Reel	EIA-481, IEC 60286, Part 3	3000	WR

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