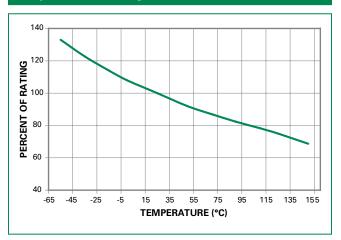


Temperature Re-rating Curve



Note:

1. 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:

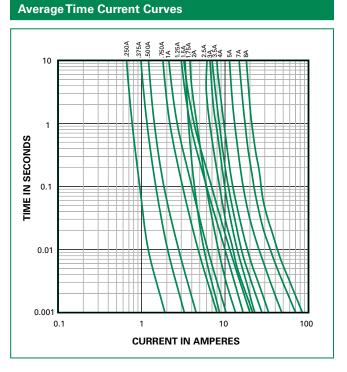
 $I = (0.80)(0.85)I_{RAT} = (0.68)I_{RAT}$

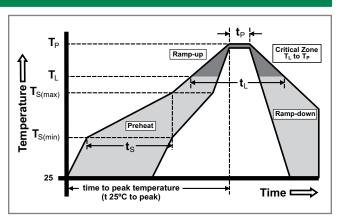
Soldering Parameters

Reflow Condition		Pb – free assembly	
Pre Heat	-Temperature Min (T _{s(min)})	150°C	
	-Temperature Max (T _{s(max)})	200°C	
	-Time (Min to Max) (t _s)	60 – 180 seconds	
Average Ramp-up Rate (LiquidusTemp (T _L) to peak)		3°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	
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 peak Temperature (T _P)		8 minutes max.	
Do not exceed		260°C	

Wave Soldering

260°C, 10 seconds max.





Surface Mount Fuses

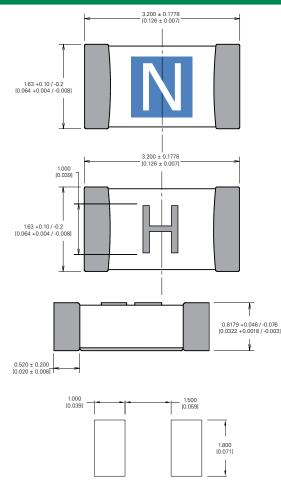
Ceramic Fuse > 437 Series



Product Characteristics

Materials	Body: Advanced Ceramic Terminations: Ag / Ni / Sn (100% Lead-free) Element Cover Coating: Ceramic/Lead-free Glass	
Moisture Sensitivity Level	IPC/JEDEC J-STD-020, Level 1	
Solderability	IPC/EIC/JEDEC J-STD-002, Condition B	
Humidity Test	MIL-STD-202, Method 103, Condition D	
Resistance to Solder Heat	MIL-STD-202, Method 210, Condition B	
Moisture Resistance	MILSTD-202, Method 106	

Dimensions

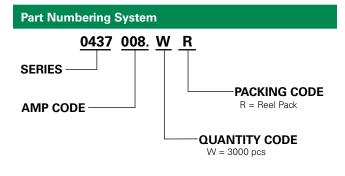


3.500

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/EIC/JEDEC J-STD-002, Condition D		
Terminal Strength	IEC 60127-4		

Part Marking System

Amp Code	Marking Code	Amp Code	Marking Code
.250	D	002.	Ν
.375	E	02.5	0
.500	F	003.	Р
.750	G	03.5	R
001.	н	004.	S
1.25	J	005.	Т
01.5	к	007.	W
1.75	L	008.	X



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

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