

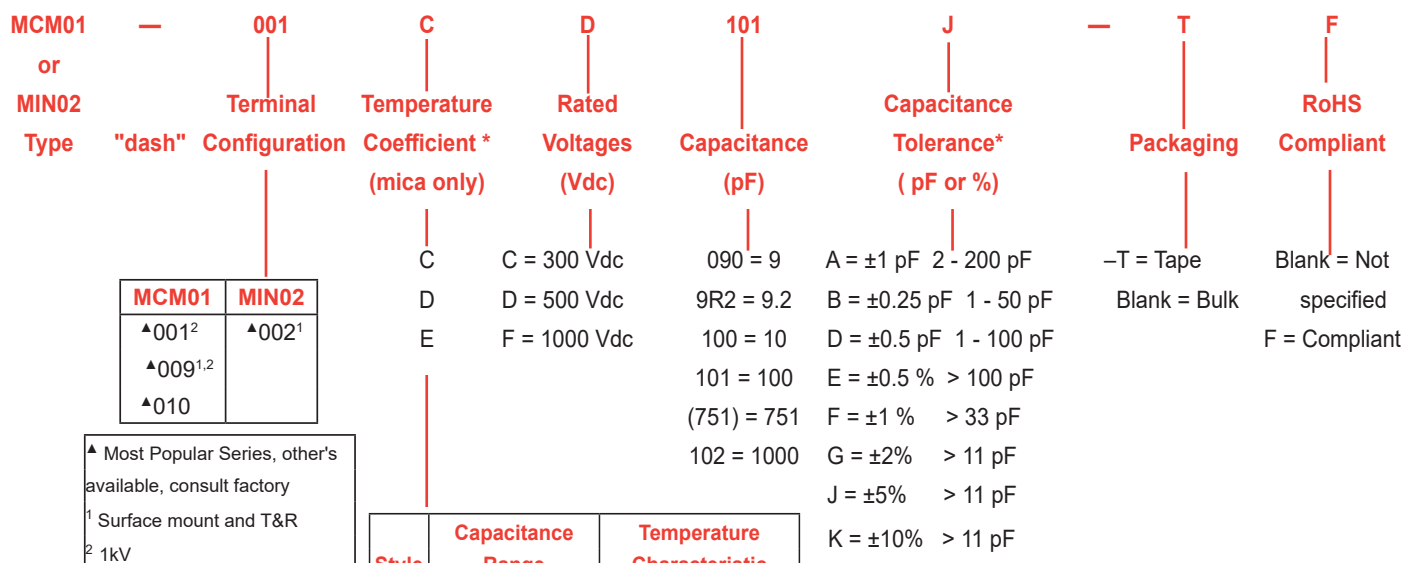
Types MCM and MIN SMT Clad RF Capacitors

Ratings Available

Capacitance (pF)	Voltage Ratings (Vdc)			Dielectric
	300	500	*1000	
MIN02				
1 - 2.9	X			PTFE
3 - 9.9	X			PTFE or Mica
10 - 60	X			Mica
61 - 120	X			Mica
121 - 180	X			Mica
181 - 240	X			Mica
241 - 300	X			Mica
301 - 350	X			Mica
MCM01				
1 - 7		X	X	PTFE
8 - 32		X	X	PTFE or Mica
33 - 250		X	X	Mica
251 - 500		X	X	Mica
501 - 750		X	X	Mica
751 - 1000		X		Mica
1001 - 1280		X		Mica
1281 - 1500	X			Mica

*1000 V available in MCM01-001 and -009 style

Part Numbering System



MCM01	MIN02
▲001 ²	▲002 ¹
▲009 ^{1,2}	
▲010	

▲ Most Popular Series, other's available, consult factory
¹ Surface mount and T&R
² 1kV

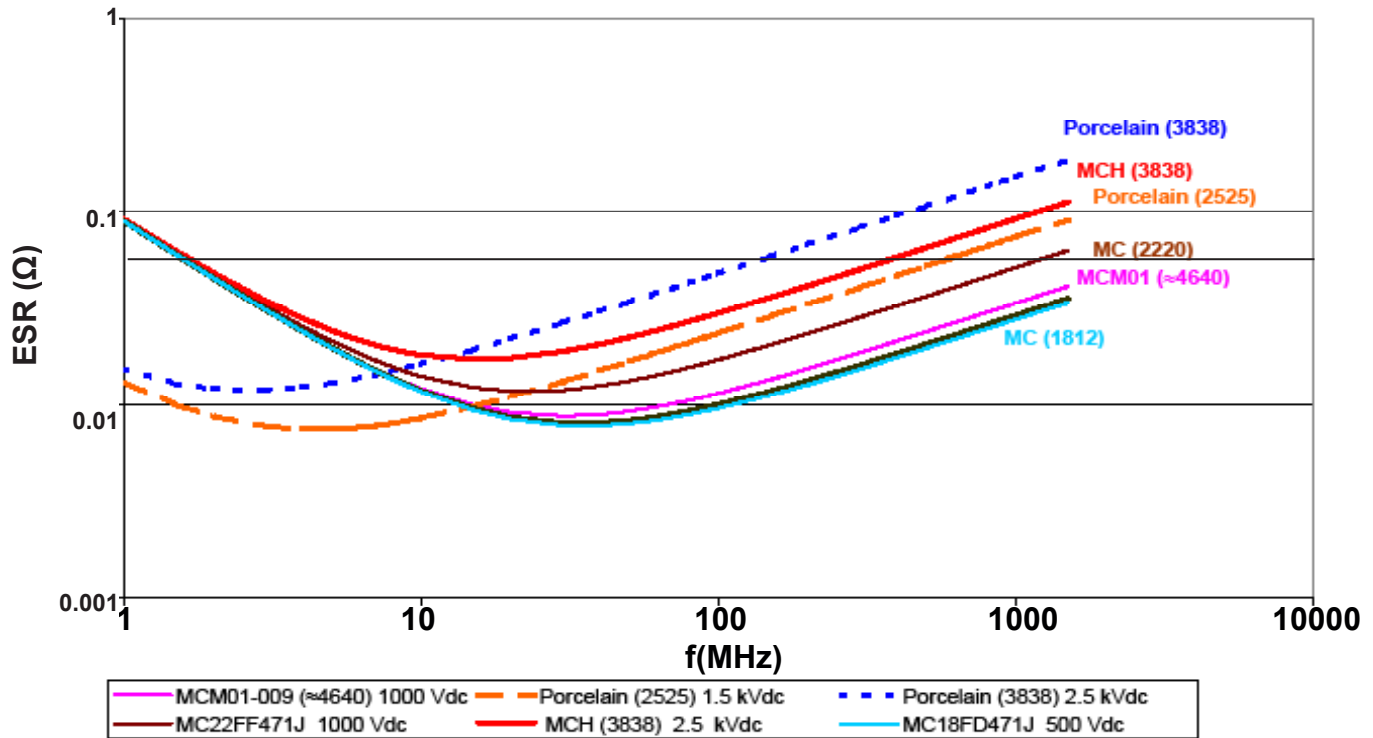
*TC code letter is left blank for PTFE items

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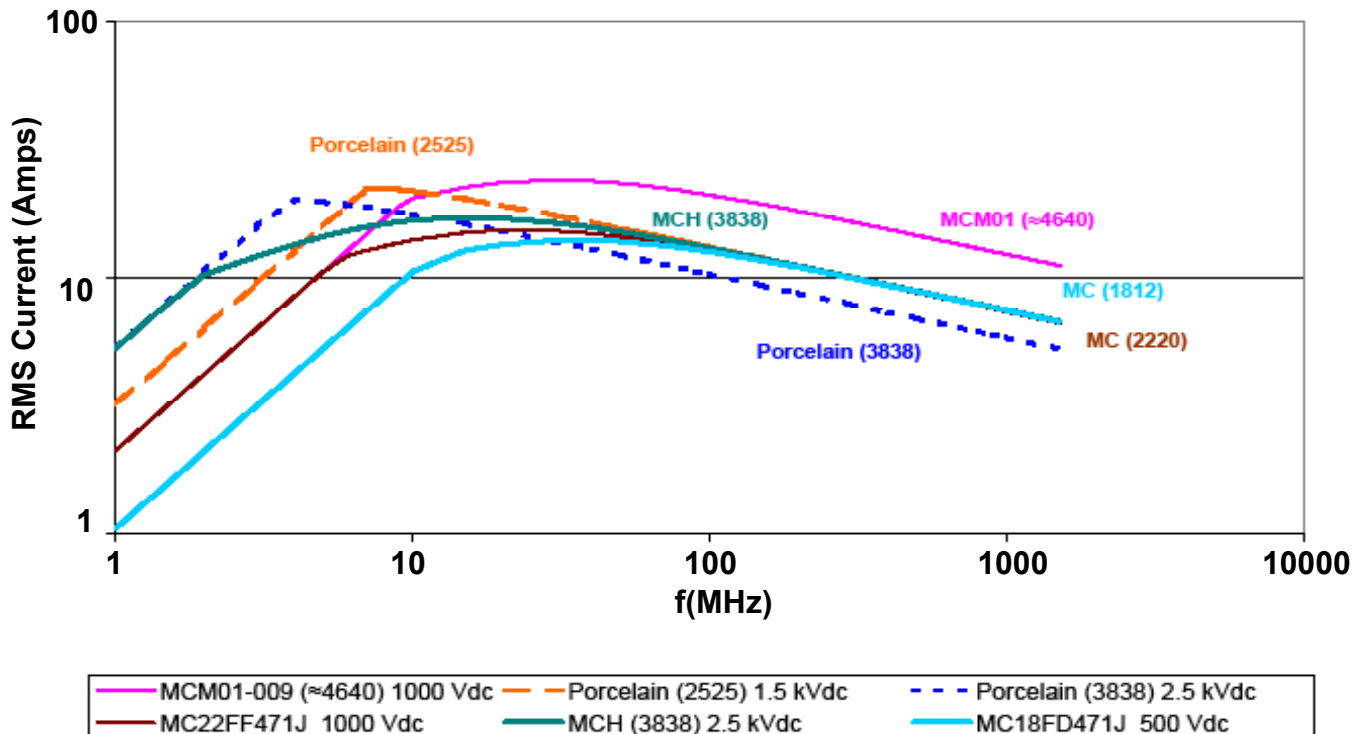
Typical Performance Data

[click here to see additional rating charts](#)

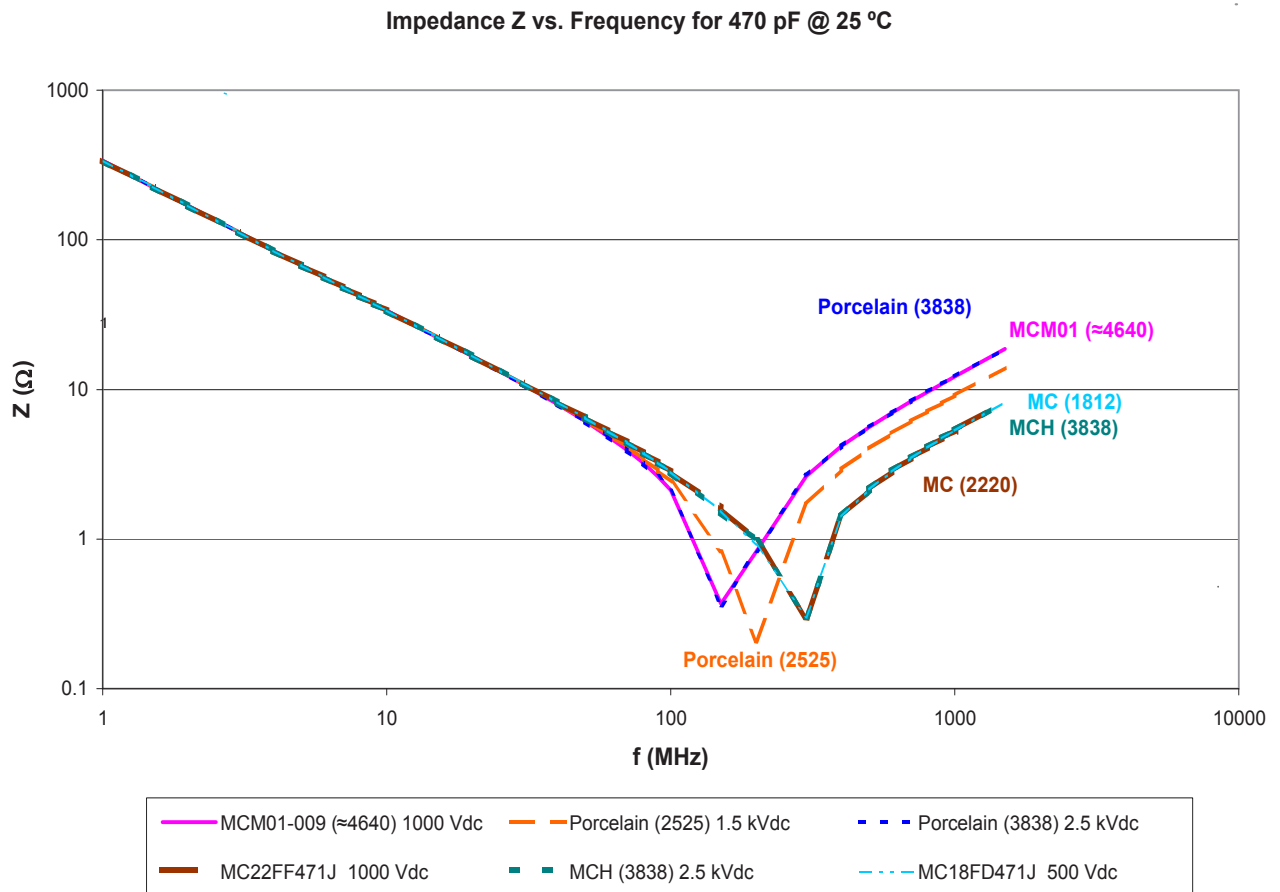
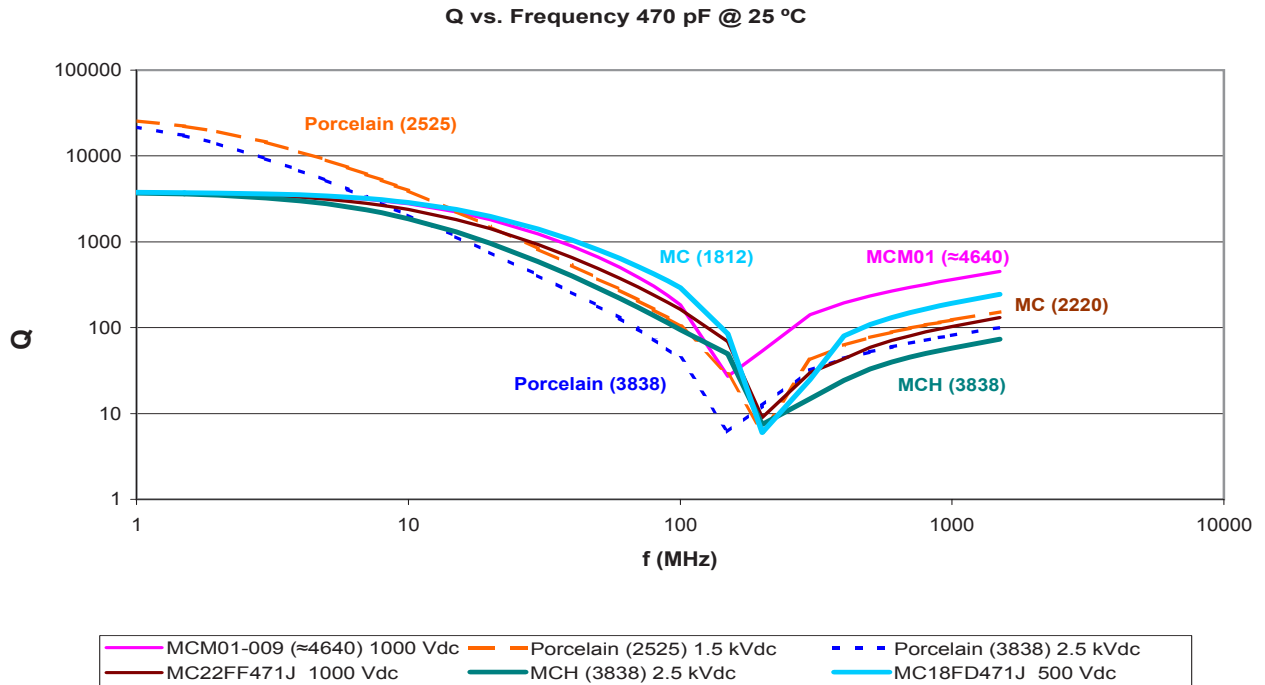
ESR vs. Frequency for 470 pF



Current Rating (IRMS) for 470 pF at 60 °C Rise



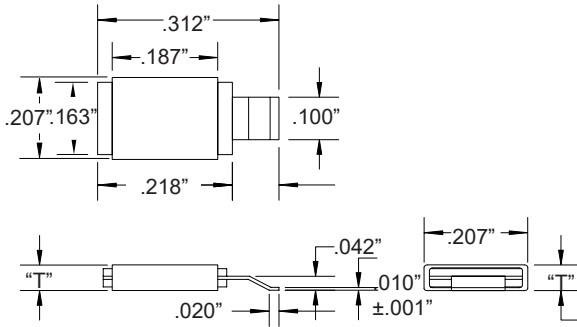
Types MCM and MIN SMT Clad RF Capacitors



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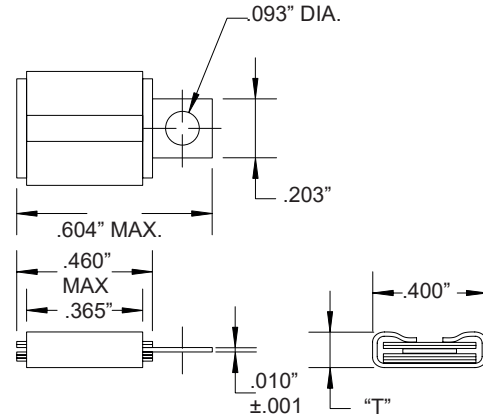
Outline Drawings for Popular Items

MIN02-002



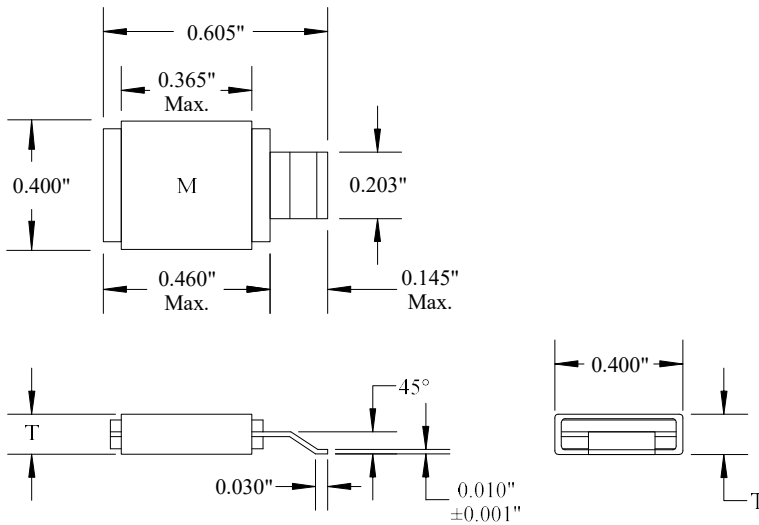
"T" (thickness) depending on capacitance value = .065 to .125±.015

MCM01-001



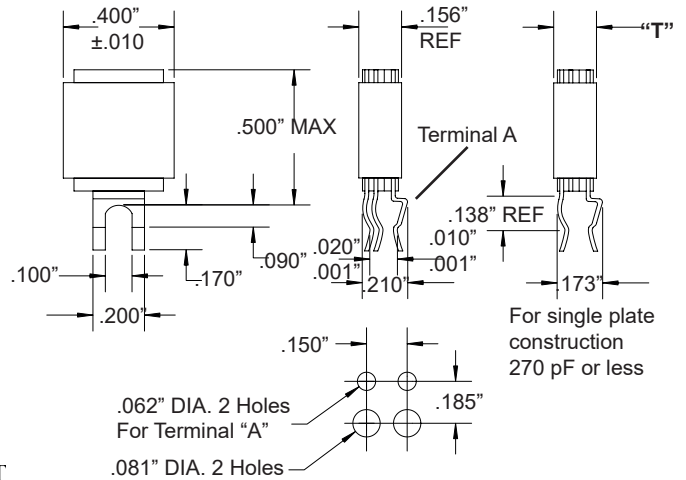
"T" (thickness) depending on capacitance value = .110 to .165±.015

MCM01-009



"T" (thickness) depending on capacitance value = .110 to .165±.015

MCM01-010



"T" (thickness) depending on capacitance value = .110 to .165±.015

"T" varies with capacitance

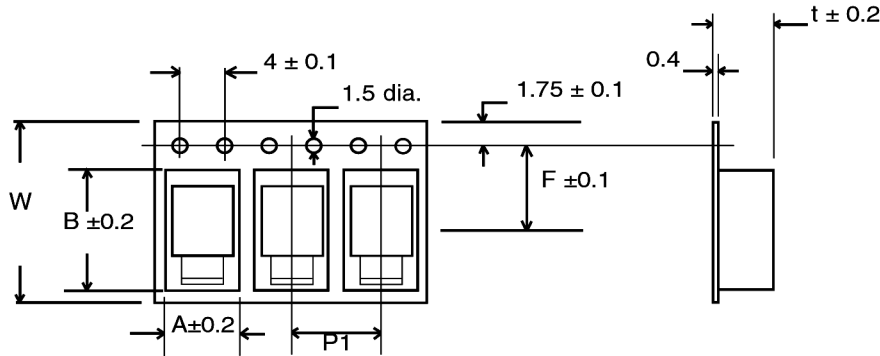
Types MCM and MIN SMT Clad RF Capacitors

Standard Minimum Quantities

Bulk Pack: 100 pieces per bag

Reel Pack: 500 pieces per reel

Tape Specifications



Tape Dimensions (mm)						
Case	W	A	B	P1	F	t
MIN02-002 < 150 pF	16	5.56	8.18	8	7.5	2.16
MIN02-002 ≥ 150 pF	16	5.66	8.10	8	7.5	3.20

Note: 24 mm tape for MCM01-009 and 32 mm tape for MCM01-004 are available upon request.

Solder Profile

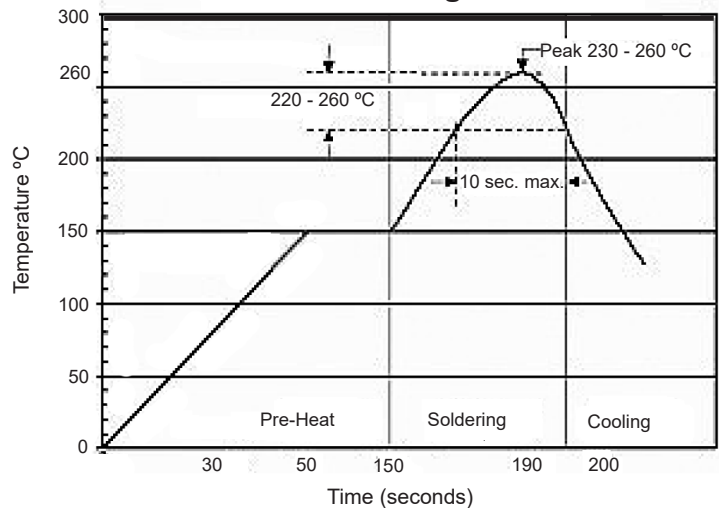
Specifications:

Lead free finish

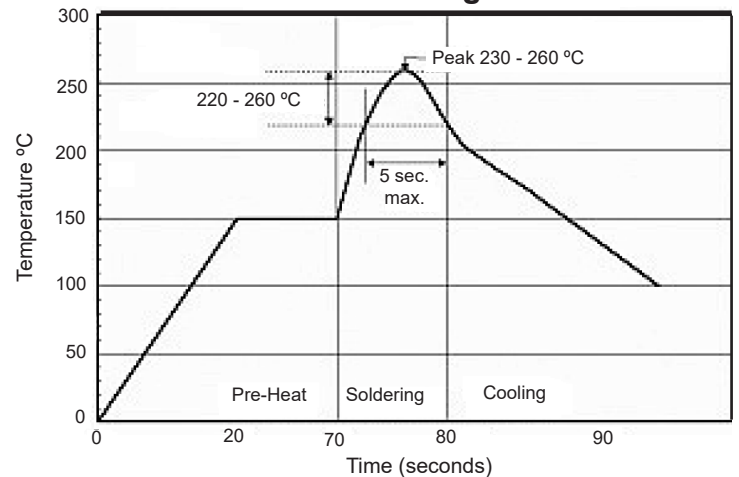
Case and Terminal Material:

Silver plated, copper flashed, brass

Reflow Soldering Method



Wave Soldering Method



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