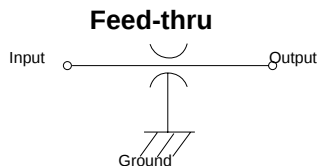


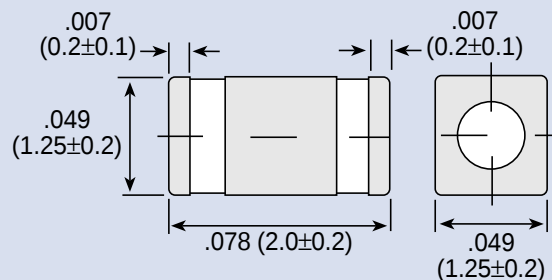


MSM



Working Voltage	50 VDC
Test Voltage	150 VDC
Current Rating	10 Amps max.
Insulation Resistance	1.0 MΩ
Terminations	Ni-Barrier
Soldering Conditions	Max. 250°C-5 sec.

A line graph showing Insertion Loss (dB) on the y-axis (0 to 60) versus Frequency (MHz) on the x-axis (logarithmic scale from 1 to 10,000). The graph displays several curves representing different components. Labels with arrows point to specific curves: '102Z' points to a curve starting around 100 MHz and rising to about 35 dB at 10,000 MHz; '271M' points to a curve starting around 200 MHz and rising to about 30 dB at 10,000 MHz; '151M' points to a curve starting around 500 MHz and rising to about 25 dB at 10,000 MHz; and '470M' points to a curve starting around 1,000 MHz and rising to about 15 dB at 10,000 MHz. There are also several vertical lines at various frequencies, likely representing passbands or stopbands.



MSM

Dimensions in inches (mm)

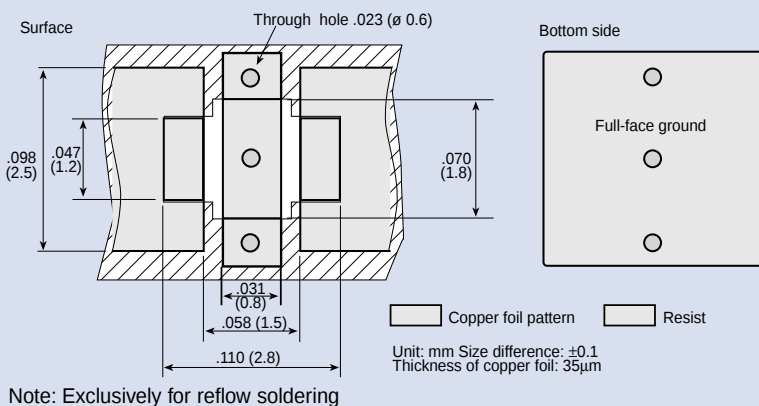
MSM Ordering Information

MSM	4	T	470M	10	T				
Style	Circuit Configuration	Temperature Characteristic	Capacitance	Current Rating	Packaging				
MSM (Miniature)	4 - Feed-thru	R - +/-15% T - +22/-33% V - +22/-82%	<table><tr><th>Value</th><th>Tolerance</th></tr><tr><td>47 pF</td><td>+50/- 20%</td></tr></table>	Value	Tolerance	47 pF	+50/- 20%	10 Amps	T - Tape and Reel 2,000 pcs/reel B - Bulk pack 1,000 pcs/reel
Value	Tolerance								
47 pF	+50/- 20%								

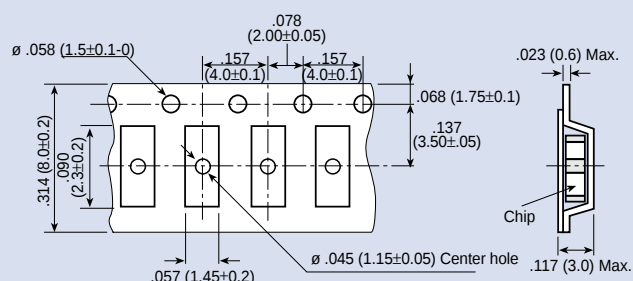
Specifications

Part Number	Temperature Characteristics	Capacitance	Capacitance Tolerance	Current Rating	Rated Rating Rating	Temperature Range
MSM4T470M10	T	47pF	+50/-20%	10A	50VDC	-55/+125°C
MSM4R151M10	R	150pF				-55/+125°C
MSM4R271M10	R	270pF				-55/+125°C
MSM4V102M10	V	1000pF				-25/+85°C

MSM Recommended Board Pattern



MSM Tape and Reel Packaging



Dimensions in inches (mm)