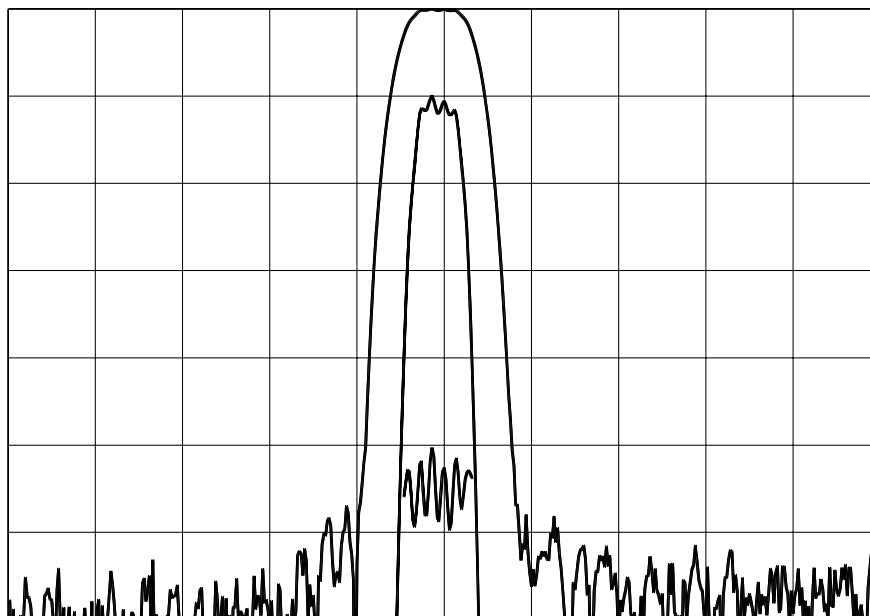




TYPICAL PERFORMANCE



Horizontal: 1.0 MHz/div

Vertical (from top):

Magnitude

10 dB/div

Magnitude

1 dB/div

Group Delay

50 ns./div

SPECIFICATION

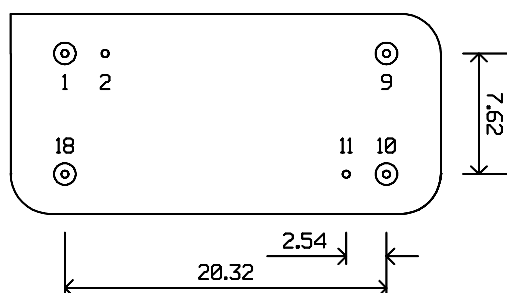
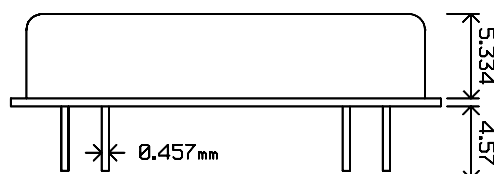
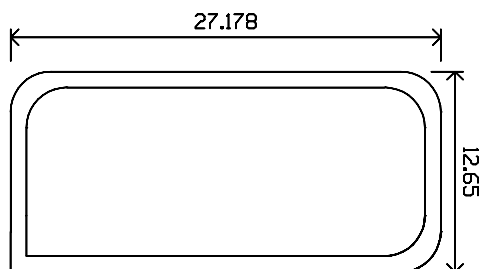
Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) ¹	139.9	140.0	140.1	MHz
Insertion Loss at Fc		20.7	23	dB
1 dB Bandwidth	0.47	0.57		MHz
3 dB Bandwidth	0.75	0.8		MHz
40 dB Bandwidth		1.6	1.8	MHz
Passband Ripple		0.25	0.45	dB p-p
Phase Ripple		2.5	4	deg p-p
Group Delay Ripple		80	240	ns p-p
Absolute Delay		3.62		us
Ultimate Rejection	50	60		dB
Substrate Material	Quartz			
Source and Load Impedance	50			Ω
Ambient Temperature		25		° C

Notes:

1: Mean value of the 3 dB band edges.



PACKAGE OUTLINE

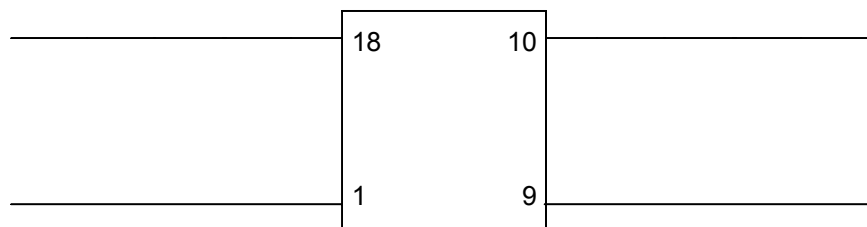


Units: mm

Pin Configuration:

Input: 18
Input Return: 1
Output: 10
Output Return: 9
Ground: 2, 11

MATCHING CIRCUIT



No Matching required.

ISO 9001
Registered

Micro Networks

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