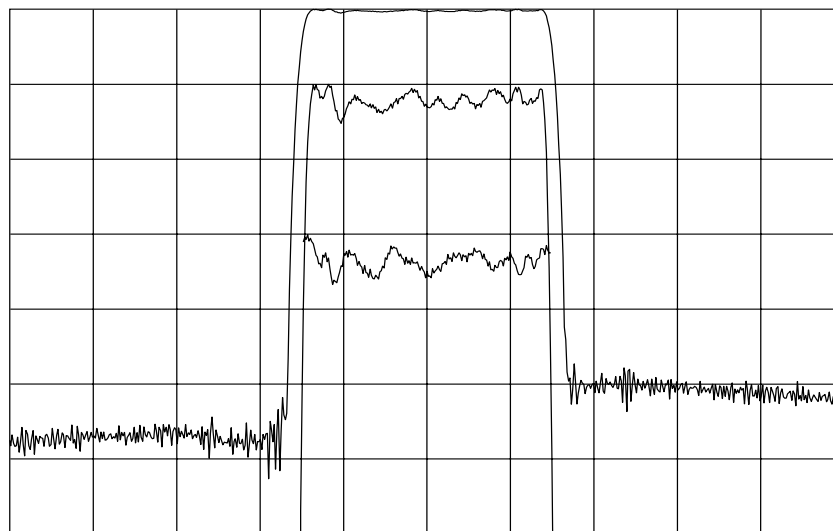




TYPICAL PERFORMANCE



Horizontal: 20 MHz/div

Vertical (from top):

Magnitude

10 dB/div

Magnitude

1 dB/div

Phase Linearity

5 deg/div

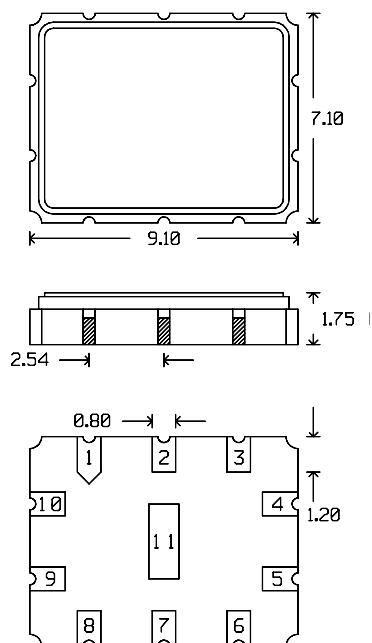
SPECIFICATION

Parameter	Min	Typ	Max	Units
Center Frequency (Fc) ¹		400		MHz
Minimum Insertion Loss			25	dB
Lower 1 dB Band Edge ²			372.50	MHz
Upper 1 dB Band Edge ²	427.50			MHz
Lower 20 dB Band Edge ²	367.50			MHz
Upper 20 dB Band Edge ²			432.50	MHz
Lower 40 dB Band Edge ²	360.00			MHz
Upper 40 dB Band Edge ²			440.00	MHz
Phase Linearity (Fc +/- 27 MHz)			9	deg p-p
Group Delay Ripple (Fc +/- 27 MHz) ³			40	ns p-p
Absolute Delay		800		ns
Amplitude Ripple (Fc +/- 27 MHz)			1	dB p-p
Rejection (100 MHz to 340 MHz)	45			dB
Rejection (460 MHz to 600 MHz)	45			dB
Source and Load Impedance		50		Ω
Operating Temperature		25		$^{\circ}$ C
Temperature coefficient of frequency		-72		ppm/ $^{\circ}$ C
Substrate Material	Lithium Niobate			
Matching Network	None			

- Notes:
1. Average of the lower and upper 3 dB band edge frequencies.
 2. Parameter is measured relative to the minimum insertion loss.
 3. Measured using smoothing aperture of 1% of the swept bandwidth.
 4. Since no matching components are used, return loss will be low.



PACKAGE OUTLINE



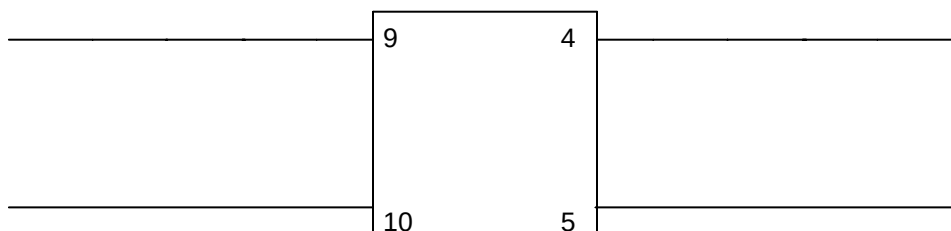
Units: mm

Pad Configuration:

Input: 9
Input Return: 10
Output: 4
Output Return: 5
Ground: 1,2,3,6,7,8,11

MATCHING CIRCUIT

DataSheet4U.com



Note

- External matching components are not required.

ISO 9001
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