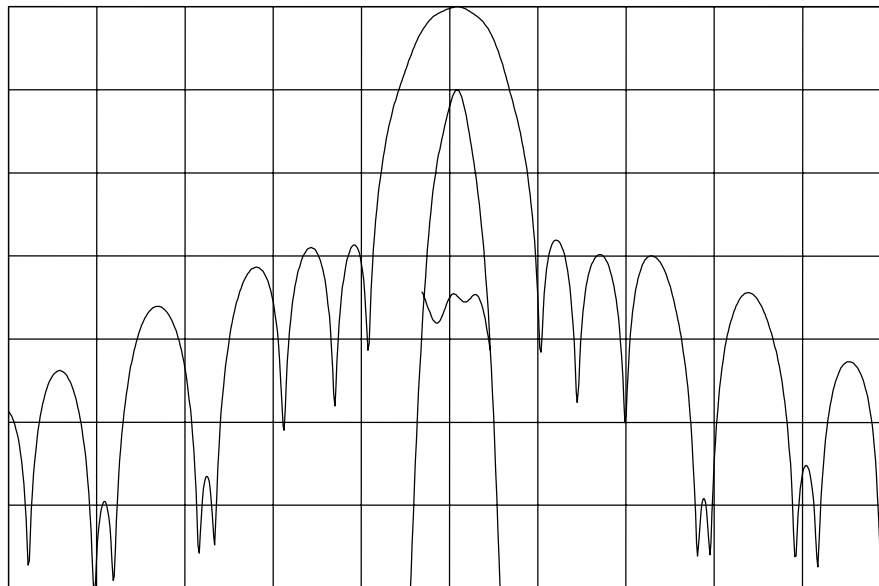


TYPICAL PERFORMANCE



Horizontal: 2.0 MHz/div

Vertical (from top): Magnitude
Magnitude
Phase

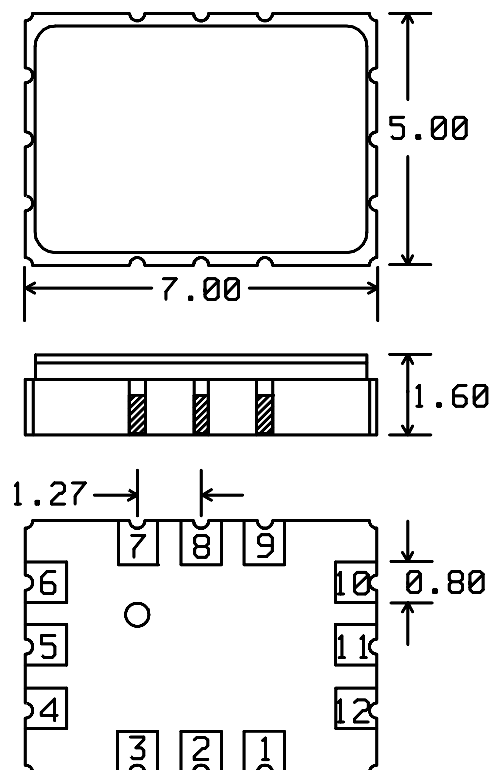
10 dB/div
1 dB/div
5 deg/div

SPECIFICATION

Parameter	Min	Typ	Max	Units
Center Frequency (Fc) ¹	767.16	767.26	767.36	MHz
Insertion Loss		7.9	8.5	dB
3 dB Bandwidth	1.4	1.44		MHz
Phase Linearity (in 3 dB BW)		5		deg p-p
Phase Slope (in 3 dB BW)		360		deg
Insertion Phase ²		0		deg
Turn Over Temperature	35	45	55	° C
Source and Load Impedance		50		Ω
Input Power		+10	+15	dBm
Operating Temperature Range	-30		100	° C

Notes: 1. Any specified bandwidths are referenced to this frequency.
2. Parameter measured at Fc.

PACKAGE OUTLINE

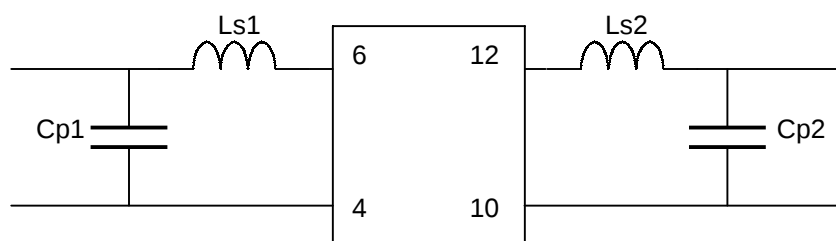


Units: mm

Pin Configuration:

Input: 6
Input Return: 4
Output: 12
Output Return: 10
Ground: 1,2,3,5,7,8,9,11

MATCHING CIRCUIT



Typical component values:

Ls1 = 12 nH
Cp1 = 10 pF

Ls2 = 10 nH
Cp2 = 9.1 pF

(minimum inductor Q = 45)

- Notes - Requires 2% matching components.
- Component values may change depending on board layout.

**ISO 9001
Registered**

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