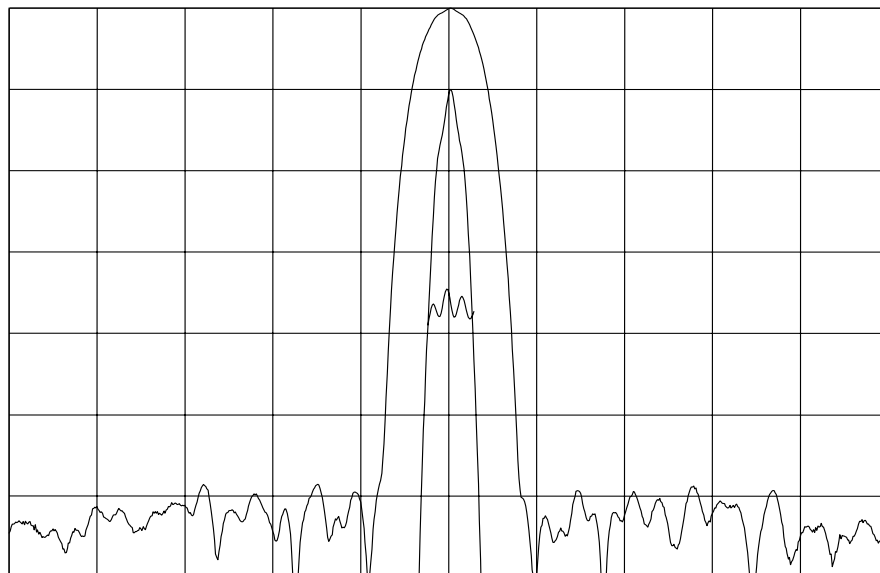




TYPICAL PERFORMANCE



Horizontal: 1 MHz/div

Vertical (from top):

 Magnitude
 Magnitude
 Phase Linearity

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

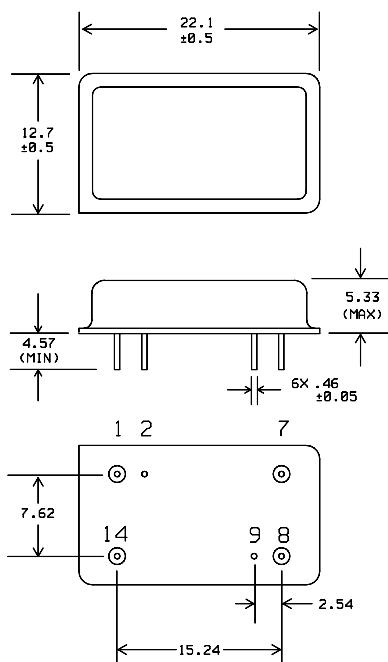
SPECIFICATION

Parameter	Min	Typ	Max	Units
Center Frequency (Fc) ¹		63.00		MHz
Insertion Loss		13.1	15.0	dB
3 dB Bandwidth	0.40	0.45		MHz
55 dB Bandwidth		1.56	1.60	MHz
Phase Linearity (in 3 dB BW)		3.0		deg
Passband Ripple		1.5	2.0	dB
Triple Transit Suppression	30	35		dB
Feed Through	40	45		dB
Source and Load Impedance		50		Ω
Spurious Rejection (0.3 – 62.2 MHz)	55	58		dB
Spurious Rejection (63.8 – 100 MHz)	55	58		dB
Input Power		+10	+15	dBm
Operating Temperature Range	20	25	30	° C

Notes: 1. Any specified bandwidths are referenced to this frequency.



PACKAGE OUTLINE

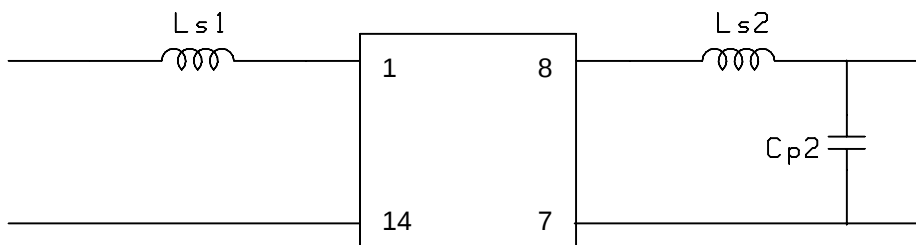


Units: mm

Pin Configuration:

Input: 1
Input Return: 14
Output: 8
Output Return: 7
Ground: 2, 9

MATCHING CIRCUIT



Typical component values:
(Minimum inductor $Q = 40$)

$L_{s1} = 330$ nH

$L_{s2} = 470$ nH

$C_{p2} = 51$ pF

Notes

- Maximum 2% tolerance matching components shall be used.
- Tuning values shown are for reference only. Optimum values may change depending upon board layout.

ISO 9001
Registered

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