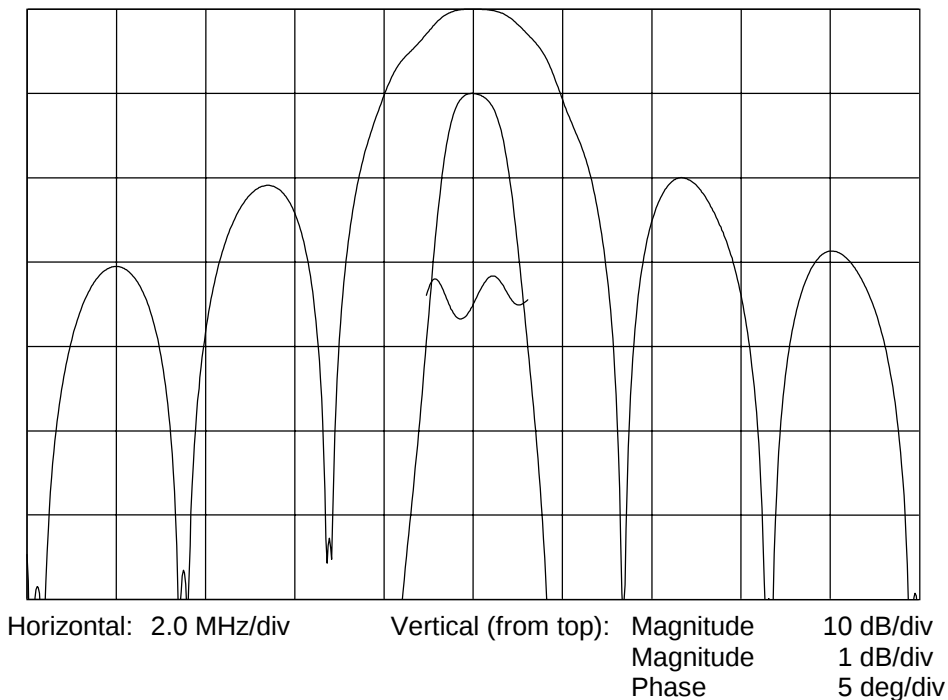




TYPICAL PERFORMANCE

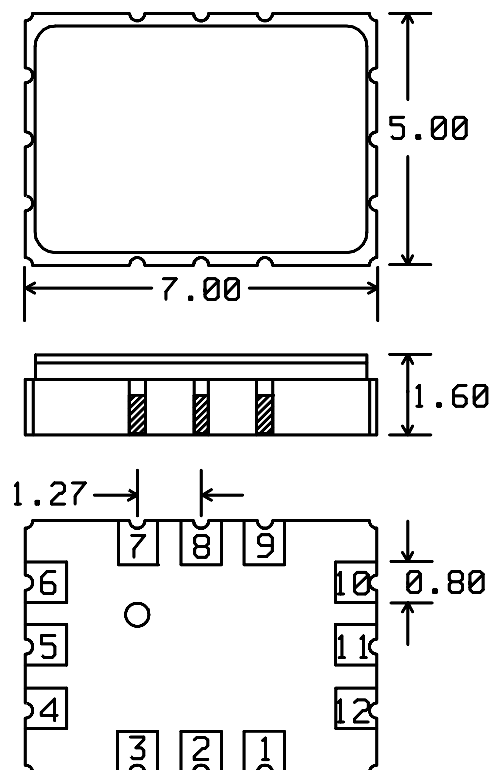


SPECIFICATION

Parameter	Min	Typ	Max	Units
Center Frequency (Fc) ¹	666.08	622.20	666.28	MHz
Insertion Loss		8.5	9	dB
3 dB Bandwidth	1.80	2.23		MHz
20 dB Bandwidth		4.75		MHz
Phase Linearity (in 3 dB BW)		4	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

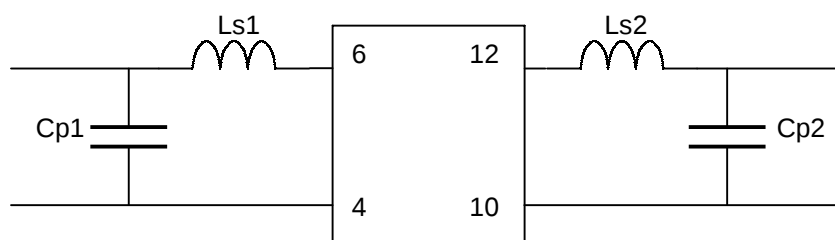


Units: mm

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 = 16 nH
Cp1 = 10 pF

Ls2 = 15 nH
Cp2 = 10 pF

(minimum inductor Q = 45)

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

**ISO 9001
Registered**

Micro Networks Corporation

Worldwide Headquarters ■ 324 Clark Street ■ Worcester, MA 01606 ■ tel: 508-852-5400 ■ fax: 508-852-8456
European Sales Headquarters ■ Hertosingel 20 ■ 6214 AD Maastricht ■ The Netherlands ■ tel: +31-43-32-70915 ■ fax: +31-43-32-70715
www.micronetworks.com