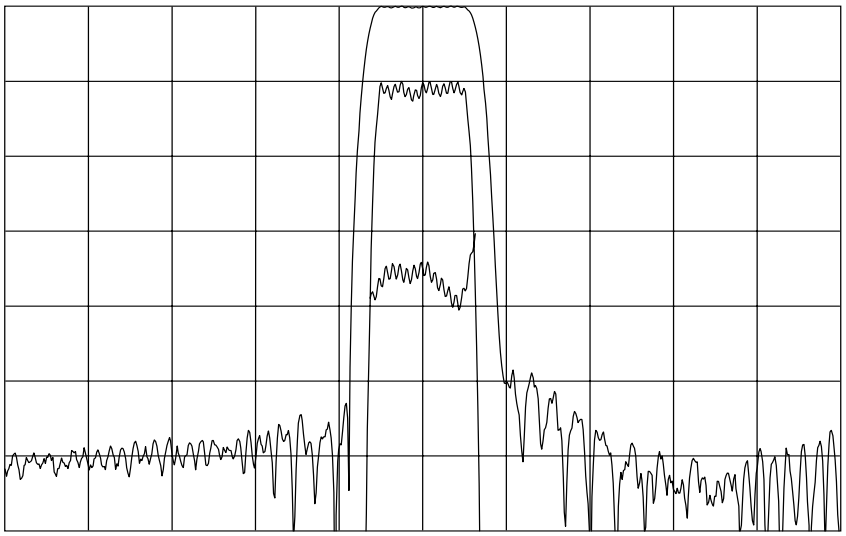
TYPICAL PERFORMANCE



Horizontal: 5 MHz/div Vertical (from top): Magnitude 10 dB/div
Magnitude 1 dB/div
Phase Linearity 5 deg/div

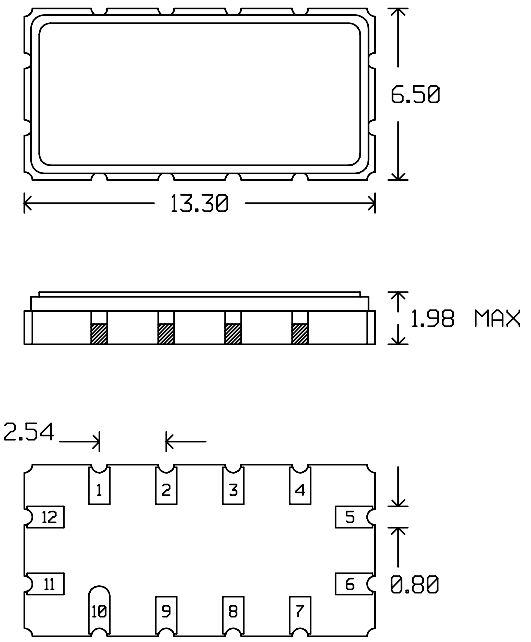
SPECIFICATION

Parameter	Min	Typ	Max	Units
Center Frequency (Fc, 3dB points)		426.00		MHz
Average Insertion Loss (Fc +/- 2.58 MHz) [2]			20.5	dB
Lower 0.5 dB Band Edge Upper 0.5 dB Band Edge	 428.52		423.36	MHz MHz
Lower 3 dB Band Edge Upper 3 dB Band Edge	422.35		 429.65	MHz MHz
Lower 40 dB Band edge Upper 40 dB Band Edge	421.31		 430.74	MHz MHz
Lower 45 dB Band Edge Upper 45 dB Band Edge	421.20		 430.89	MHz MHz
Lower 50 dB Band Edge Upper 50 dB Band Edge	419.50		 433.50	MHz MHz
Rejection (100 to 419.5 MHz)	50			dB
Rejection (433.5 to 500 MHz)	50			dB
Passband Ripple			0.7	dB
Phase Ripple (423.3 to 428.7 MHz)			10	deg p-p
Input VSWR at 426 MHz			5.0	:1
Output VSWR at 426 MHz			2.5	:1
Triple Transit Suppression		40		dB
Source and Load Impedance		50		Ω
Input Power			+10	dBm
Operating Temperature Range	0	23	70	° C

Notes: 1. Unless noted otherwise, specifications apply @ temp range in a 50 ohm system.
2. All dB values are referenced to the insertion loss.

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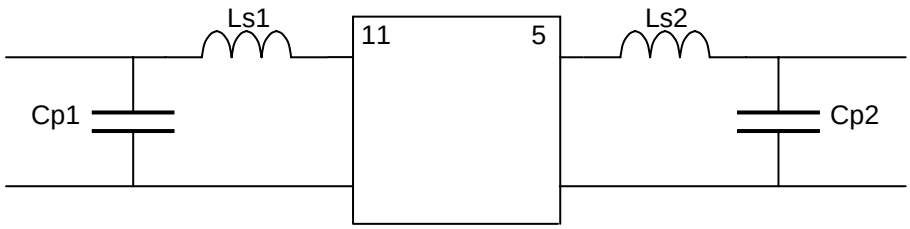
PACKAGE OUTLINE



Units: mm

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

MATCHING CIRCUIT



Typical component values: Ls1 = 27 nH Ls2 = 22 nH
Cp1 = 15 pF Cp2 = 12 pF

(Minimum inductor Q = 40)

Notes

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

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