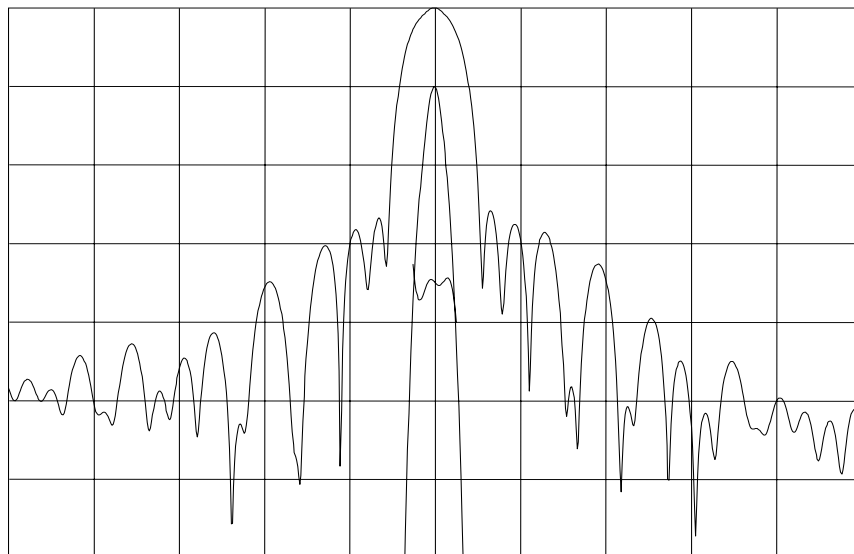




TYPICAL PERFORMANCE



Horizontal: 2 MHz/div

Vertical (from top):

Magnitude

10 dB/div

Magnitude

1 dB/div

Phase Linearity

5 deg/div

SPECIFICATION

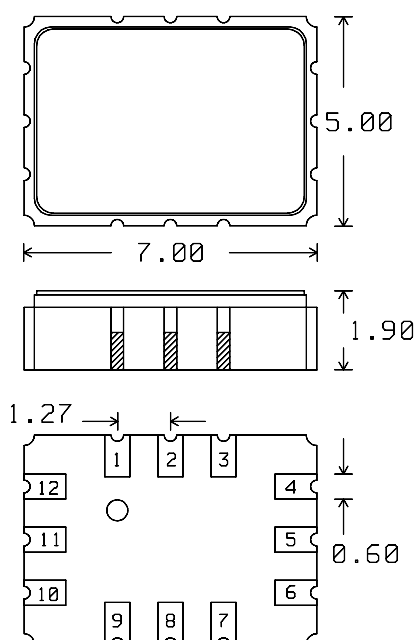
Parameter	Min	Typ	Max	Units
Nominal Center frequency (Fc, 8dB points)		266.667		MHz
Insertion Loss			7.5	dB
Lower 1 dB band Edge			266.532	MHz
Upper 1 dB Band Edge	266.802			MHz
Amplitude Ripple over Fc +/-135 kHz			1	dB p-p
Phase Ripple (Fc +/- 135 kHz)			10	deg p-p
Group delay Ripple (Fc +/- 135 kHz)			300	ns p-p
Absolute Delay		0.75		us
Lower 20 dB Band Edge	265.317			MHz
Upper 20 dB Band Edge			268.017	MHz
Rejection (253.34 to 265.317 MHz) ²	20			dB
Rejection (268.017 to 280 MHz) ²	20			dB
Rejection (280 MHz to 1.5*Fc MHz) ²	30			dB
Rejection (0.5*Fc to 253.34 MHz) ²	30			dB
Source and Load Impedance		50		Ω
Input Power			+10	dBm
Operating Temperature Range	15	23	35	° C

Notes:

1. Unless noted otherwise, all specifications apply over the operating temperature with filter matched to 50 ohms and measured with a 50 ohm network analyzer.
2. Rejection levels are measured from the minimum loss in the passband.
3. All frequency specifications are referenced to the nominal center frequency, Fc.



PACKAGE OUTLINE

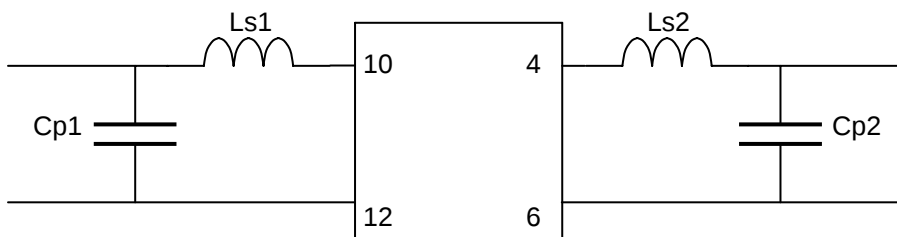


Units: mm

Pad Configuration:

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

MATCHING CIRCUIT



Typical component values:

Ls1 = 36 nH
Cp1 = 22 pF

Ls2 = 47 nH
Cp2 = 22 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.

ISO 9001
Registered

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