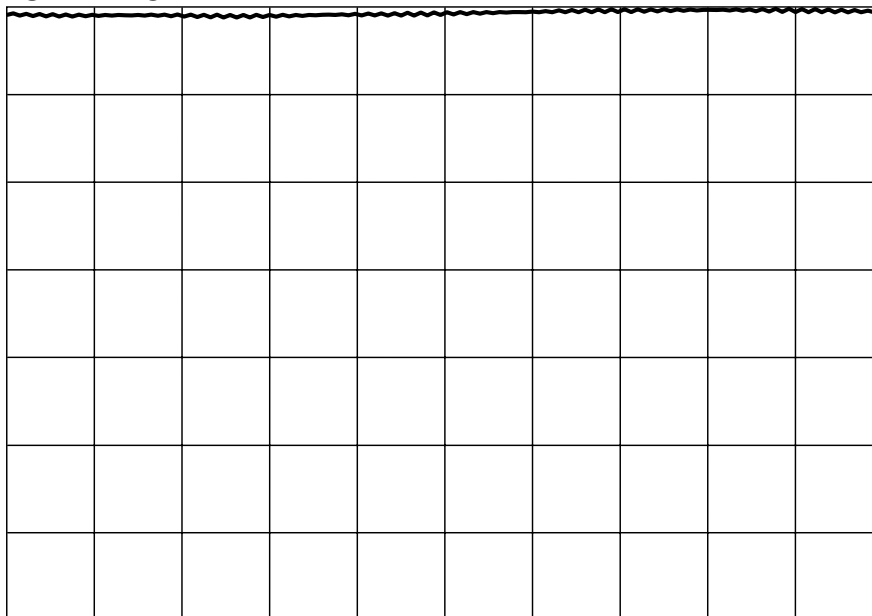




TYPICAL PERFORMANCE



Horizontal: 10 MHz/div

Vertical (from top): Magnitude

10 dB/div

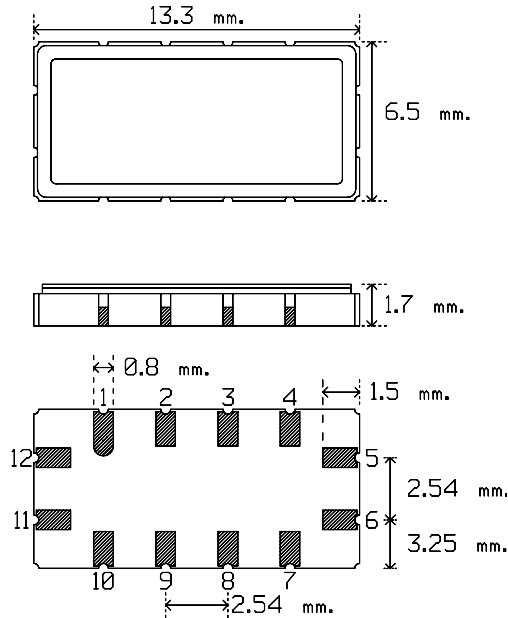
SPECIFICATION

Parameter ²	Min	Typ	Max	Units
Center Frequency (Fc) ¹		881.5		MHz
Lower Passband Frequency	869			MHz
Upper Passband Frequency			894	MHz
Amplitude Ripple over any 1.25 MHz interval ²			1.0	dB p-p
RMS Phase Ripple over any 1.25 MHz interval ²			1.8	deg
Insertion Loss		21.2	22.5	dB
Delay ³	2.000	2.024		us
RF Feedthrough Suppression (GBD) ³	30	40		dB
Triple Travel Suppression (GBD) ³	30	35		dB
Source and Load Impedance		50		Ω
Output 3 rd Order Intercept Point (IP3) (GBD) ³		+13		dBm
Material		YZ-LN		
Temp Coefficient of Delay		94		ppm/°C
Measurement Temperature		+23		° C
Operating Temperature Range	+20		+70	° C

- Notes: 1. Fixed Reference.
2. To be satisfied across the interval bounded by the Upper and Lower Passband Frequencies.
3. GBD = Guaranteed by design.



PACKAGE OUTLINE

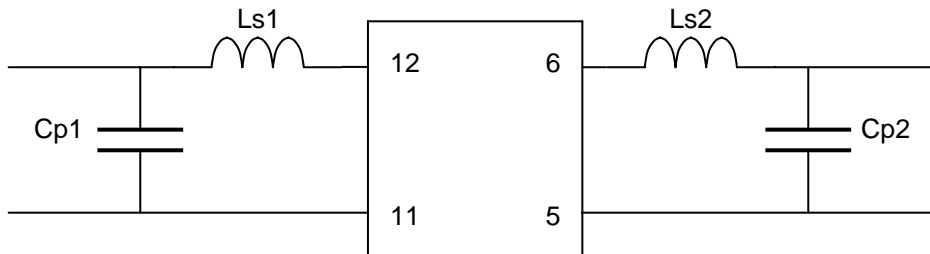


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



Typical component values: Ls1 = 8.2 nH Ls2 = 8.2 nH
 Cp1 = 5.6 pF Cp2 = 5.6 pF
(minimum inductor Q = 40)

Notes

- Maximum 2% tolerance matching components are recommended.
- Tuning values shown are for reference only. Values may change depending upon board layout.

