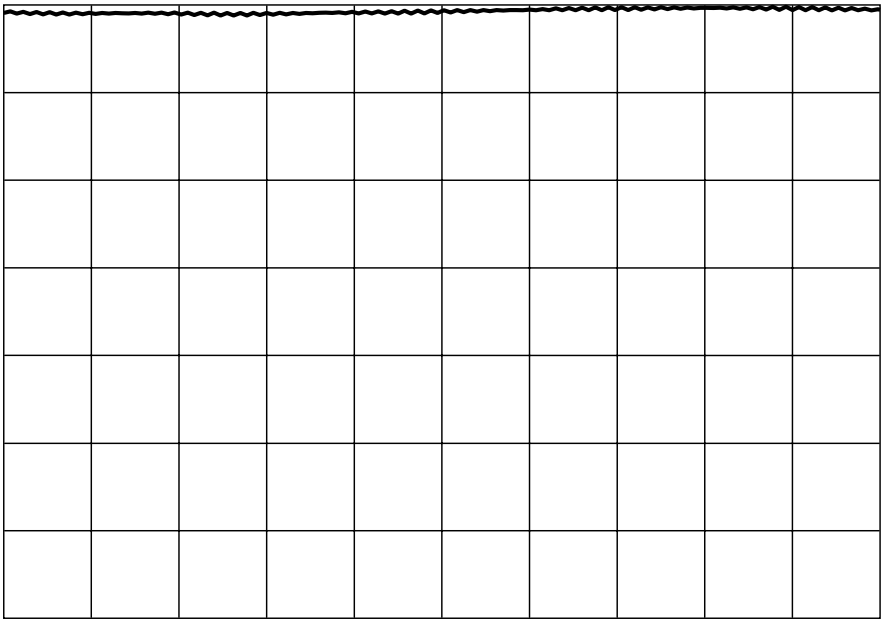
TYPICAL PERFORMANCE



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 3rd 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.

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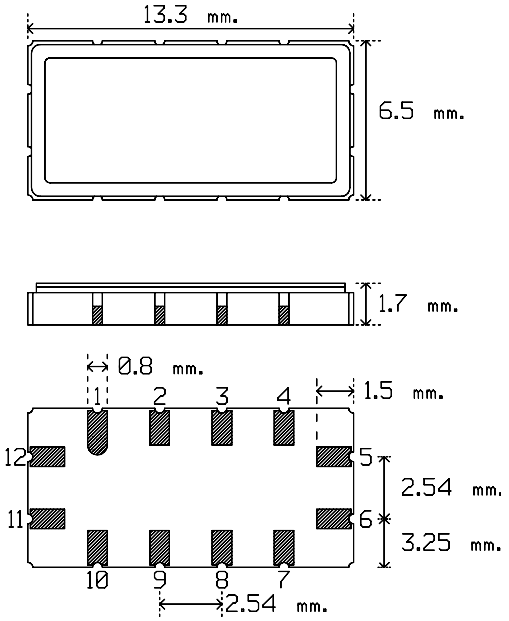
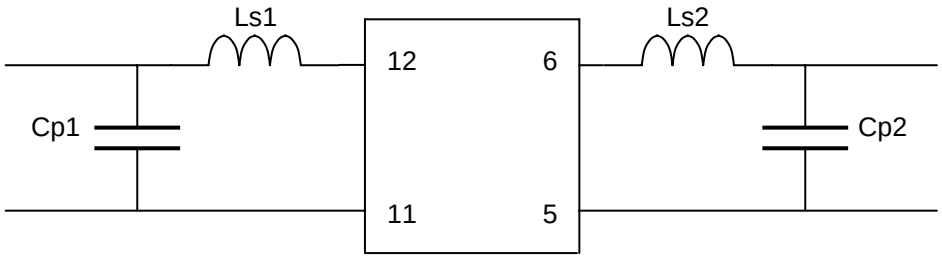
PACKAGE OUTLINE



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.

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