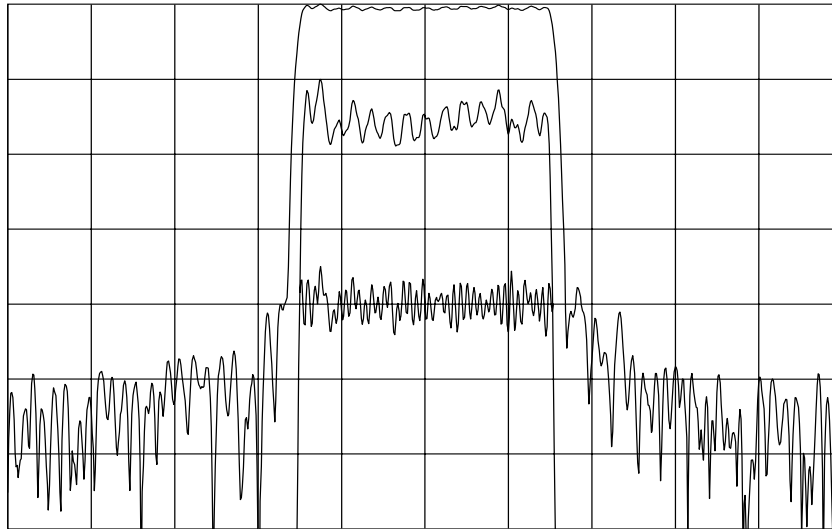




## TYPICAL PERFORMANCE



Horizontal: 5 MHz/div

Vertical (from top):

Magnitude	10	dB/div
Magnitude	1	dB/div
Group Delay Deviation	50	ns/div

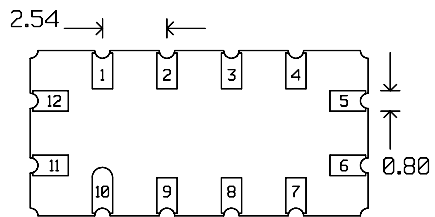
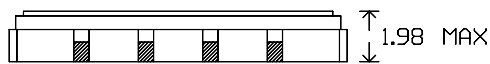
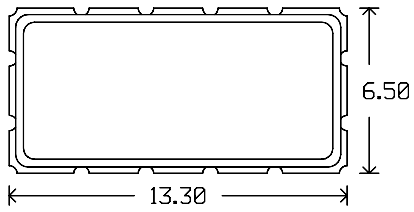
## SPECIFICATION

Parameter	Min	Typ	Max	Units
Center Frequency (Fc, at 23°C)		140		MHz
Minimum Insertion Loss			20	dB
Lower 1 dB Band Edge <sup>2</sup>			132.75	MHz
Upper 1 dB Band Edge <sup>2</sup>	147.25			MHz
Lower 10 dB Band Edge <sup>2</sup>	132.00			MHz
Upper 10 dB Band Edge <sup>2</sup>			148.00	MHz
Lower 35 dB Band Edge <sup>2</sup>	131.25			MHz
Upper 35 dB Band Edge <sup>2</sup>			148.75	MHz
Passband Ripple (in 1 dB Bandwidth)		0.8	1	dB p-p
Group Delay Variation (132.75 to 147.25 MHz)		50	100	ns p-p
Absolute Delay		1.32	1.60	us
Rejection (130 MHz to 131.25 MHz)	37	40		dB
Rejection (20 MHz to 130 MHz)	40	45		dB
Rejection (148.75 MHz to 150.5 MHz)	35	37		dB
Rejection (150.5 MHz to 250 MHz)	40	45		dB
Source and Load Impedance		50		Ω
Temperature coefficient of frequency		-94		ppm/°C
Operating Temperature Range	20	23	26	° C

- Notes:
1. Specifications apply at room ambient temperature only.
  2. Parameter is measured relative to the minimum insertion loss.
  3. Due to type of matching, the Return Loss is expected to be low.



**PACKAGE OUTLINE**



Units: mm

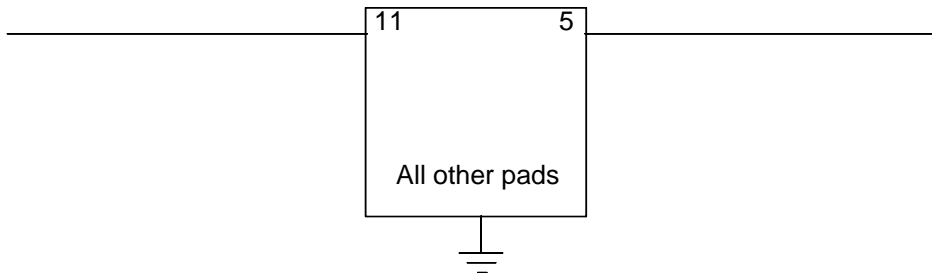
**Pad Configuration:**

Input: 11

Output: 5

Ground: 1,2,3,4,6,7,8,9,10,12

**MATCHING CIRCUIT**



**Note**

- Matching components are not required.

