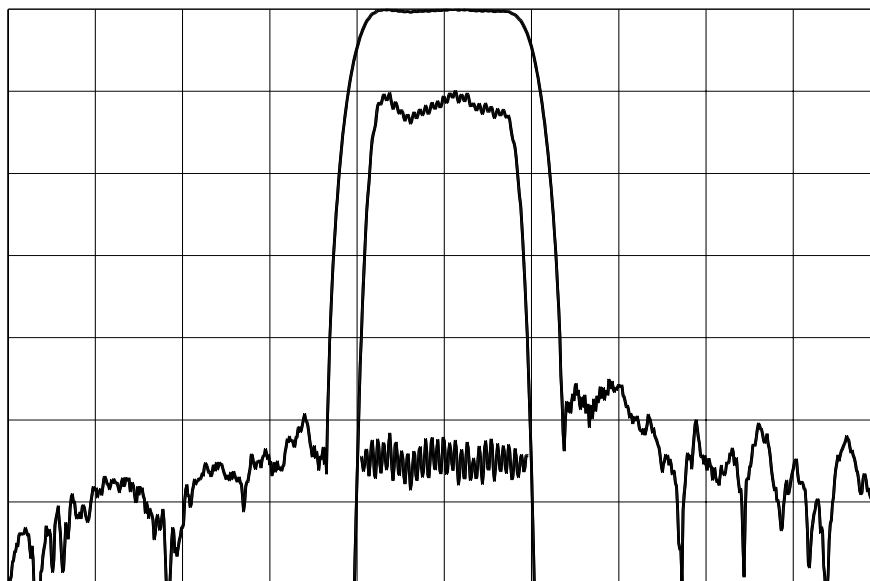




TYPICAL PERFORMANCE



Horizontal: 6.0 MHz/div Vertical (from top): Magnitude 10 dB/div
Magnitude 1 dB/div
Group Delay 50 ns./div

SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) ¹	159.7	160.0	160.3	MHz
Insertion Loss (@ Fc)		19	21	dB
Passband width	9.5	10.2		dB
Lower 1 dB Frequency		154.9	155.2	MHz
Upper 1 dB Frequency	164.7	165.1		MHz
Lower 30 dB Frequency	152.0	152.4		MHz
Upper 30 dB Frequency		167.6	168.0	MHz
Lower 45 dB Frequency		152.0		MHz
Upper 45 dB Frequency		168.0		MHz
Rejection: (10 - 152 & 168 - 250 MHz) ³	45	50		dB
Passband Amplitude Ripple ²		0.4	0.5	dB
Passband Group Delay Ripple ²		50	80	ns
Source and Load Impedance		50		Ω
Operating Temperature		23		° C
Temperature Coefficient of Frequency		-94		ppm/ ° C
Matching network	None			

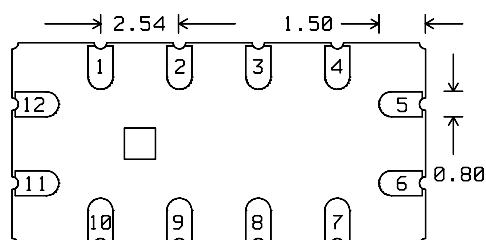
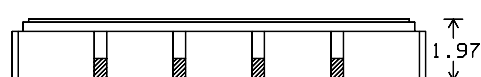
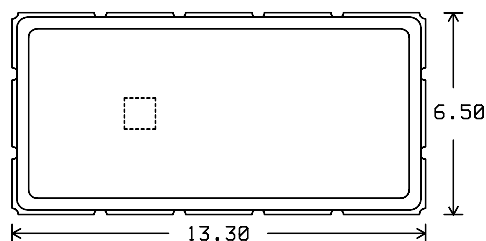
Notes:

1 : Fixed reference frequency. All bandwidths are centered at this frequency.

2 : Defined over Fc $\pm$ 4.0 MHz

3: Dependant on PC board layout

PACKAGE OUTLINE

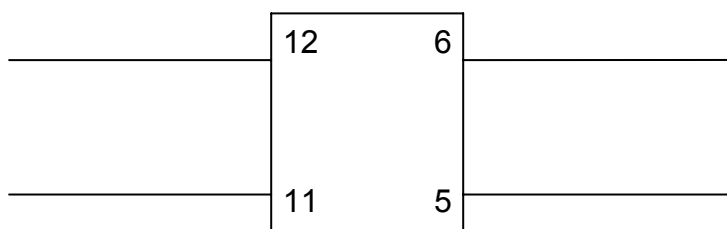


Units: mm

Pin Configuration:

Input: 12
Input Return: 11
Output: 6
Output Return: 5
Ground: All other pins

MATCHING CIRCUIT



No matching required for 50 Ω system

ISO 9001
Registered