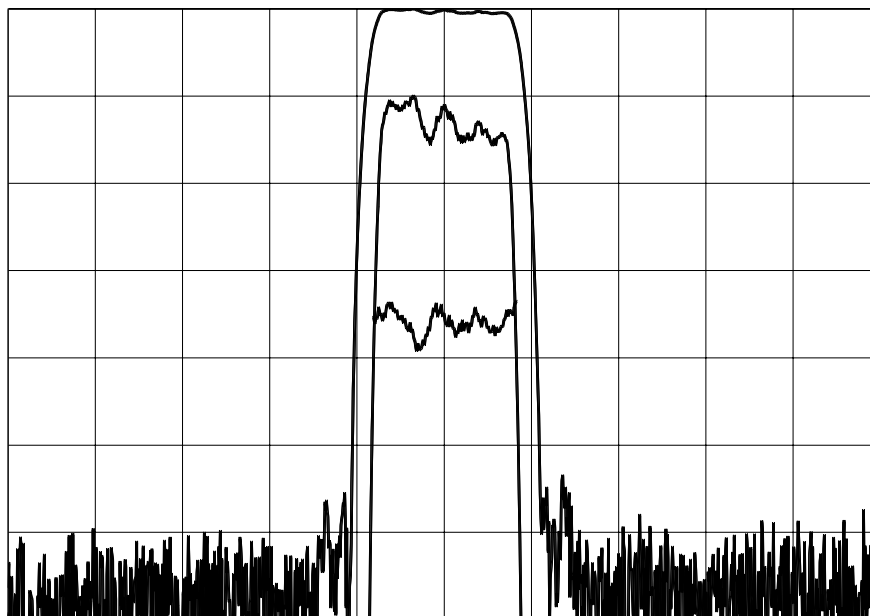


TYPICAL PERFORMANCE



Horizontal: 5.0 MHz/div	Vertical (from top):	Magnitude	10 dB/div
		Magnitude	1 dB/div
		Phase	5 deg/div

SPECIFICATION

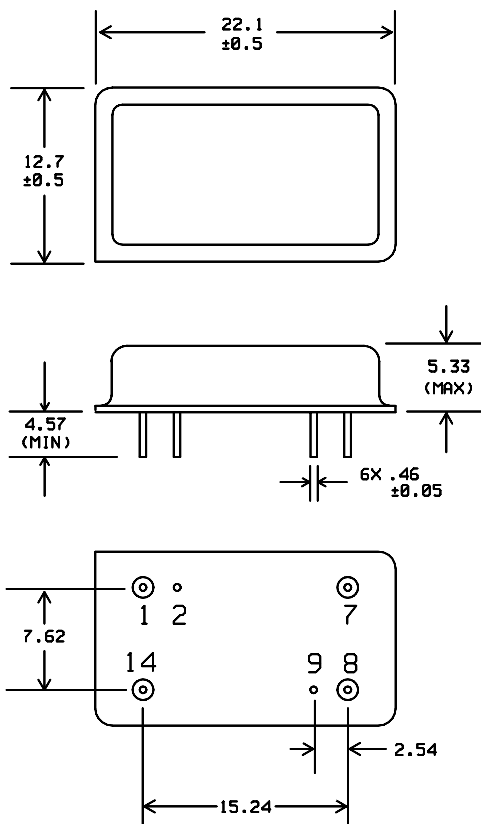
Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) ¹	69.89	70.0	70.11	MHz
Insertion Loss at Fc		23.5	24	dB
1 dB Bandwidth	7.5	7.6		MHz
3 dB Bandwidth	8	8.2		MHz
40 dB Bandwidth		10.5	10.6	MHz
Passband Ripple		0.5	0.8	dB p-p
Phase Ripple		2	4	deg p-p
Group Delay Ripple ²		40	60	ns p-p
Absolute Delay		1.8		us
Ultimate Rejection	50	60		dB
Substrate Material	YZ Lithium Niobate			
Ambient Temperature		25		° C

Notes:

1: Mean Value of 3 dB points

2: A smoothing aperture of 250 kHz may be applied to Group Delay Ripple measurement

PACKAGE OUTLINE

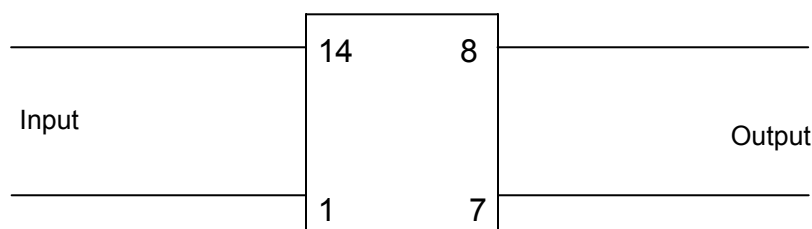


Units: mm

Pin Configuration:

Input: 14
 Input Return: 1
 Output: 8
 Output Return: 7
 Ground: 2, 9

MATCHING CIRCUIT



No Matching required

ISO 9001
Registered