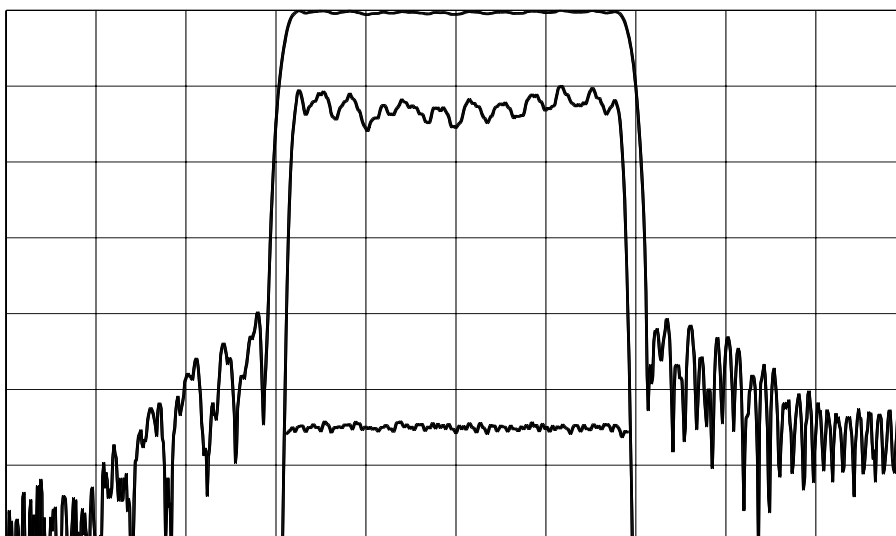




TYPICAL PERFORMANCE



Horizontal: 20.0 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	479.0	480.0	481.0	MHz
Insertion Loss(@ Fc)		24	26	dB
1 dB Bandwidth ²	70.0	74.0		MHz
36 dB Bandwidth ²		84.0	87	MHz
Rejection: 10 - 436.5 & 523.5 - 650 MHz	36	40		MHz
Passband Amplitude ripple(Fc+/- 35 MHz)		0.6	1.0	dB
Passband GD ripple (FC +/- 35 MHz) ³		15	40	nsec.
Absolute delay		0.4		μsec
Source and Load impedance		50		Ω
Operating temperature		25		° C
Temp. coefficient of Frequency		-72		ppm / ° C
Substrate Material	Lithium Niobate			
Matching network	None			

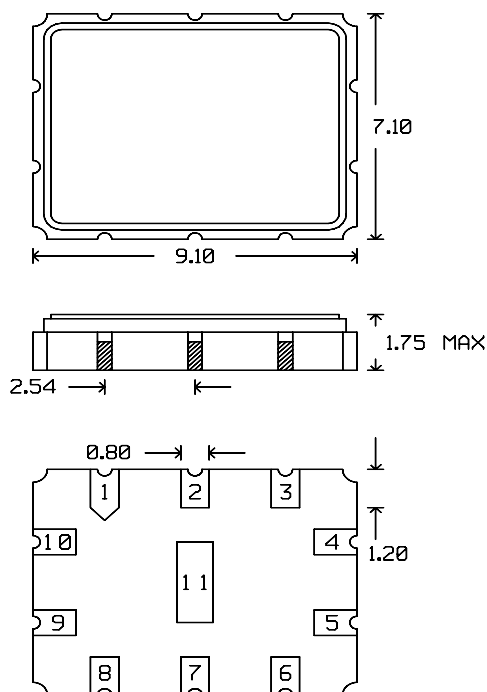
Notes:

1 : Mean of the 3 dB points.

2 : With respect to Fc

3: Measured using smoothing aperture of 1% of the swept bandwidth.

PACKAGE OUTLINE

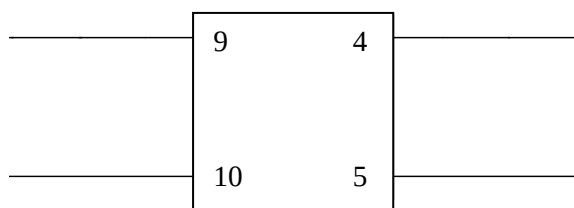


Units: mm

Pin Configuration:

Input: 9
Input Return: 10
Output: 4
Output Return: 5
Ground: ALL OTHER PINS

MATCHING CIRCUIT



No matching components required.