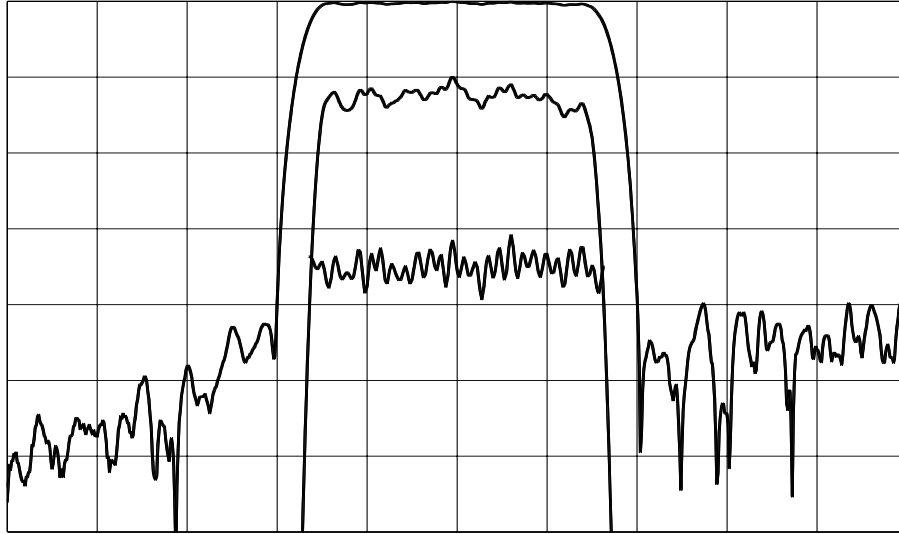




TYPICAL PERFORMANCE



Horizontal: 2.5 MHz/div

Vertical (from top):

Magnitude

10 dB/div

Magnitude

1 dB/div

Group Delay

50 nsec/div

SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) ¹	36.1	36.15	36.2	MHz
Insertion Loss ²		22.00	23	dB
1 dB Bandwidth	7.60	7.75		MHz
3 dB Bandwidth	8.00	8.20		MHz
38 dB Bandwidth		10.00	10.5	MHz
Passband Amplitude Ripple ³		0.50	0.7	dB
Passband Phase Ripple ³		2.00	3	deg p-p
Passband GD Ripple ³		30	60	ns
Rejection (10 to 30.9) MHz	35	40		dB
Rejection (41.5 to 55) MHz	33	40		dB
Absolute Delay		1.50		us
Ambient Temperature		25		° C
Source / Load Impedance		50		Ω
Substrate Material	128 Lithium Niobate			

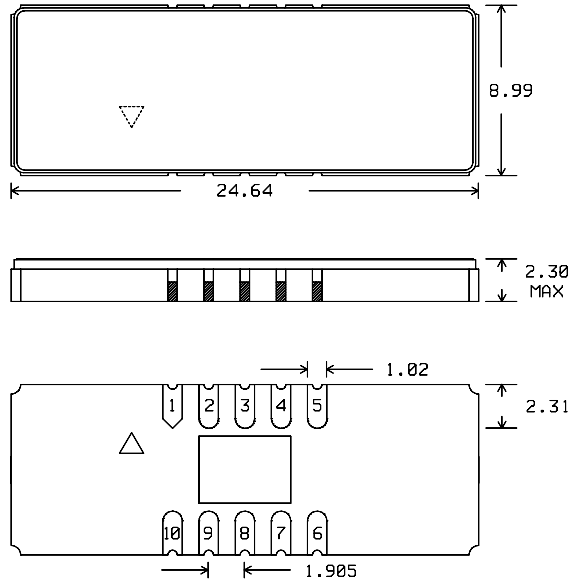
Notes:

1 : Mean value of 3 dB bandwidth points

2 : Value at 36.15 MHz

3 : Measured over Fc +/- 3.8 MHz

PACKAGE OUTLINE

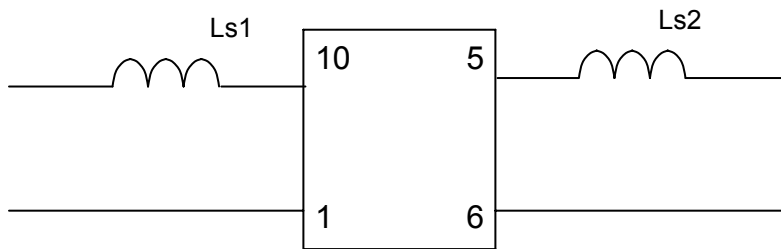


Units: mm

Pin Configuration:

Input: 10
 Input Return: 1
 Output: 5
 Output Return: 6
 Ground: All other pins.

MATCHING CIRCUIT



Typical component values: Ls1 = 470 nH Ls2 = 560 nH
 (minimum inductor Q = 45)

- Notes - Requires 5% matching components.
 - Component values may change depending on board layout.