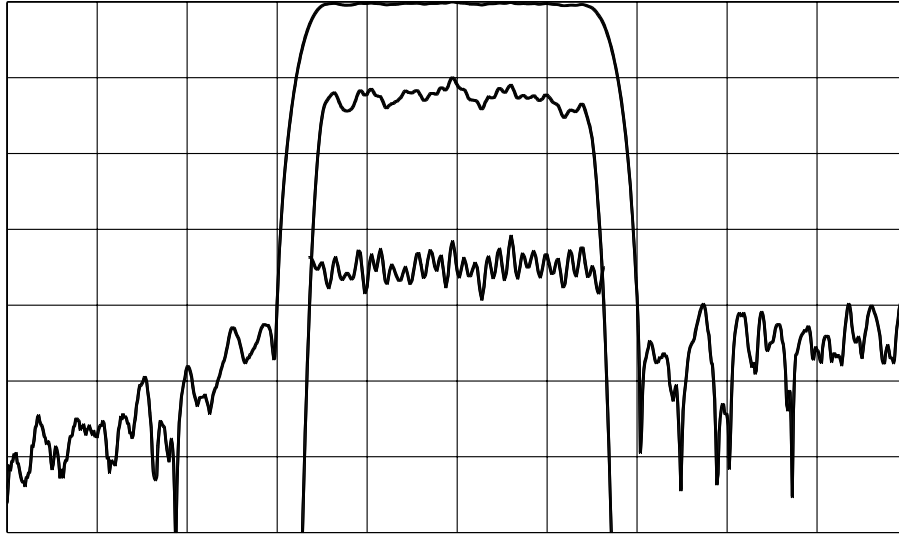


TYPICAL PERFORMANCE



Horizontal: 2.5 MHz/div

Vertical (from top): Magnitude 10 dB/div
Magnitude 1 dB/div
Group Delay 50 nsec/div

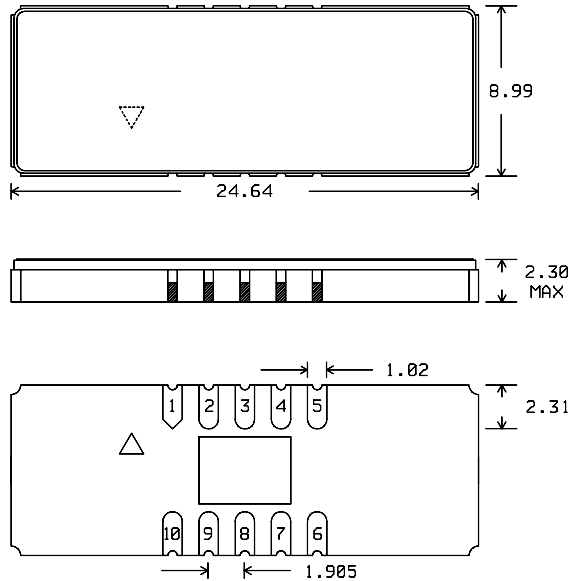
SPECIFICATION

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
Passband GD Ripple ³		30	60	ns
Rejection (10-30.9 & 41.5 - 55) MHz	35	40		dB
Delay		1.50		us
Ambient Temperature		25		deg C
Source / Load impedance		50		ohms
Material.		128 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

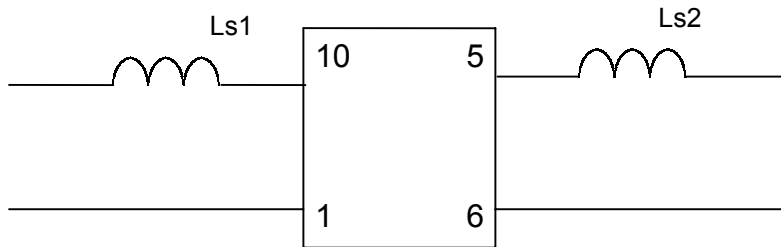


Units: mm

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.

Micro Networks

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