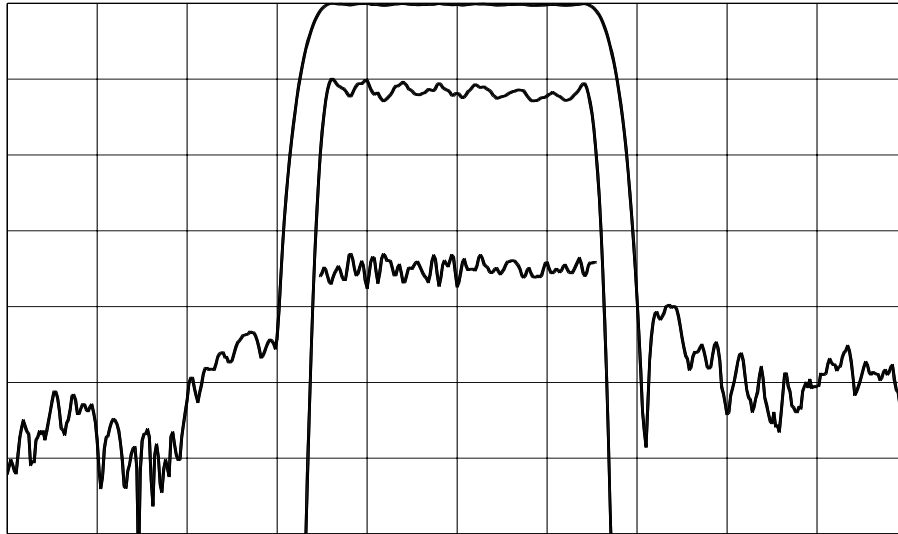



**TYPICAL PERFORMANCE**


Horizontal: 2.5 MHz/div

Vertical (from top):

Magnitude

10 dB/div

Magnitude

1 dB/div

Group Delay

50 nsec/div

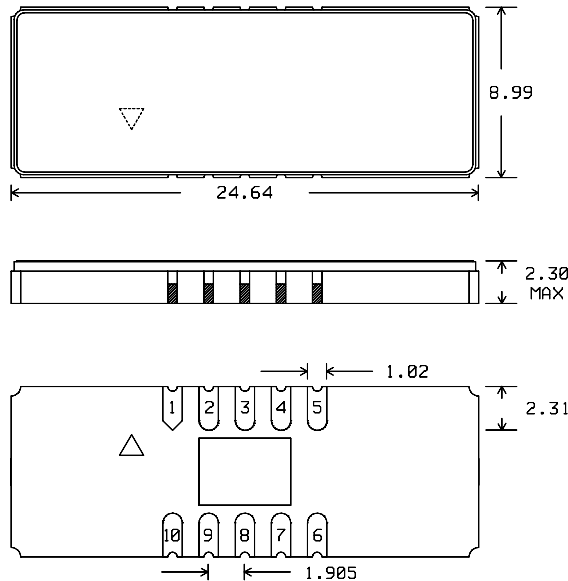
**SPECIFICATION**

Parameter	Min.	Typ.	Max.	Units.
Center Frequency ( Fc ) <sup>1</sup>	43.95	44.00	44.05	MHz
Insertion Loss <sup>2</sup>		25.00	26	dB
1 dB Bandwidth	7.45	7.75		MHz
3 dB Bandwidth	8.00			MHz
38 dB Bandwidth		10.00	10.5	MHz
Passband Amplitude Ripple <sup>3</sup>		0.40	0.6	dB
Passband Phase Ripple <sup>3</sup>		2.00	3	deg p-p
Passband GD Ripple <sup>3</sup>			60	ns
Rejection ( 10-30.9 & 41.5 - 55) MHz	35	40		dB
Absolute Delay		2.00		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 44.0 MHz
3. Measured over Fc +/- 3.7 MHz

**PACKAGE OUTLINE**

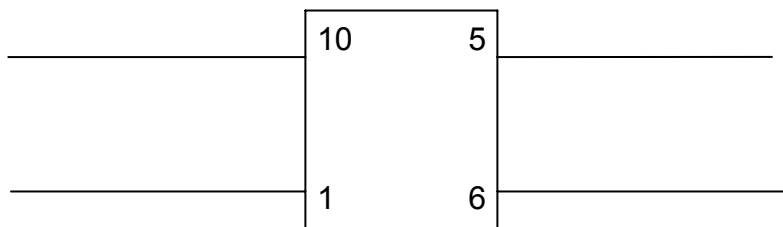


**Units:** mm

**Pin Configuration:**

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

**MATCHING CIRCUIT**



No matching required

ISO 9001  
Registered