

# 44 MHz/6.2 MHz B/W SAW Filter

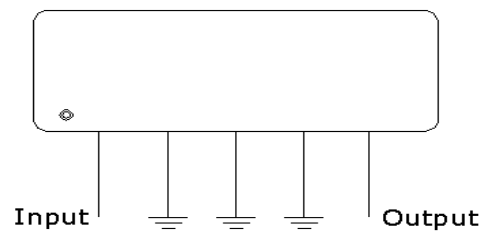
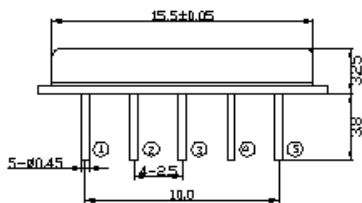
# 162876

## Specifications

Parameter	Unit	Minimum	Typical	Maximum
Centre Frequency ( $f_0$ )	MHz	43.93	44.00	44.07
Insertion Loss	dB	-	13.0	15.0
3dB Bandwidth	MHz	6.2	6.24	-
30dB Bandwidth	MHz	-	7.63	7.68
Lower Sidelobe 35.00 ~ 39.70 MHz	dB	35.0	35.7	-
Upper Sidelobe 48.00 ~ 55.00 MHz	dB	34.0	35.6	-
Passband Ripple	dB	-	0.6	1.0
Group Delay Variation	nsec	-	60.0	100
Absolute Delay at $f_0$	$\mu$ sec	-	1.45	-
Temperature coefficient	ppm/k	-	-72	-

## Package Outline

(UNIT : mm.)

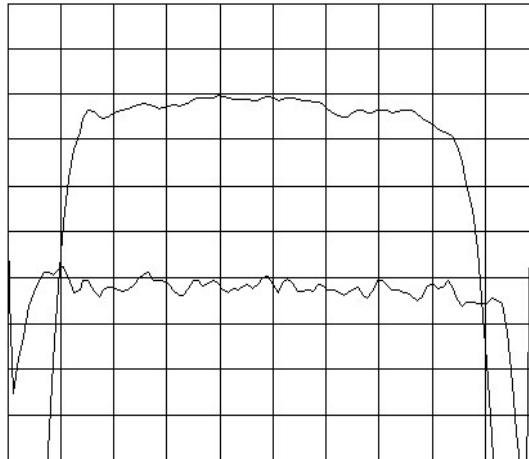
Load Impedance = 2 k $\Omega$ /3 pFSource/Load Impedance = 50  $\Omega$ 

SAW PRODUCTS

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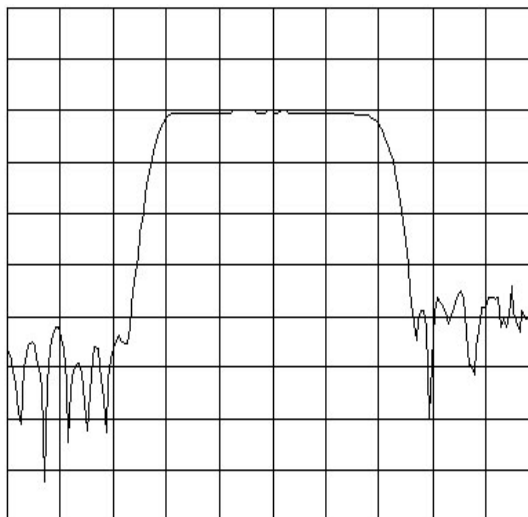
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## Typical Performance – Narrowband



Horizontal : 0.8 MHz/Div  
Vertical : 1 dB/Div  
Vertical : 100 ns/Div

## Typical Performance – Wideband



Horizontal : 1.5 MHz/Div  
Vertical : 10 dB/Div

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