

## 43.75 MHz SAW Filter

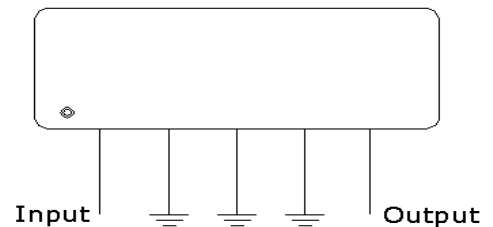
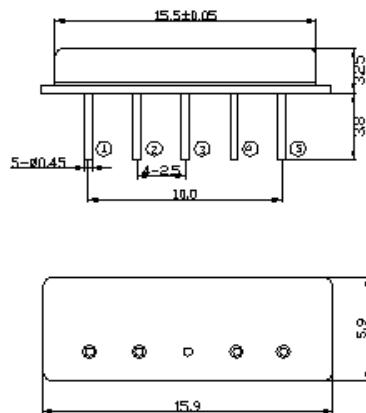
162874

## Specifications

Parameter	Test Condition	Unit	Min	Typical	Max
Center Frequency (Fo)	-	MHz	43.68	43.75	43.82
Insertion Loss	Input Voltage: 12 V	dB	-	13.0	15.0
3 dB Bandwidth	-	MHz	6.2	6.24	-
30 dB Bandwidth	-	MHz	-	7.63	7.68
Lower Sidelobe	35.00 ~ 39.70 MHz	dB	35	35.7	-
Upper Sidelobe	47.80 ~ 55.0 MHz	dB	34	35.6	-
Passband Ripple	-	dB	-	0.6	1.0
Group Delay Variation	-	nsec	-	60	100
Absolute Delay	At Fo	µsec	-	1.38	-
Temperature Coefficient	-	ppm/°C	-	-72	-

## Package Outline

(UNIT : mm.)



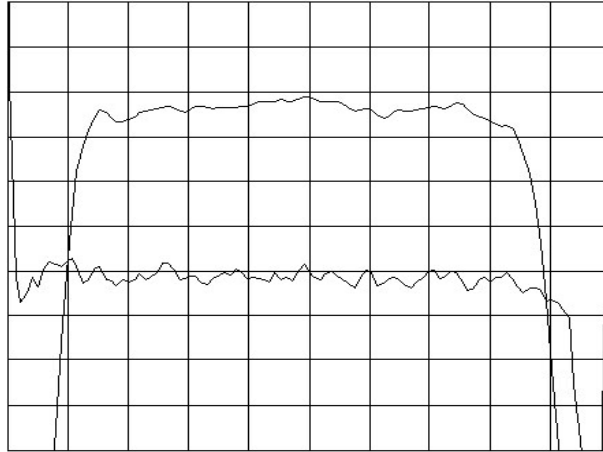
Source Impedance = 50 Ω

Load Impedance = 2 kΩ / 3pF

# 43.75 MHz SAW Filter

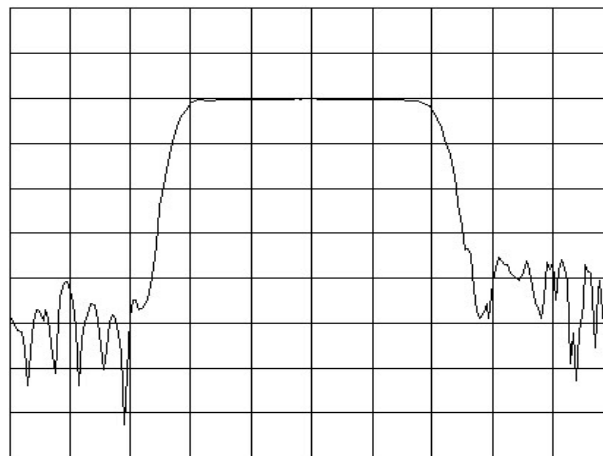
162874

## 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

SAW PRODUCTS

COM DEV