

# 43.5 MHz SAW Filter

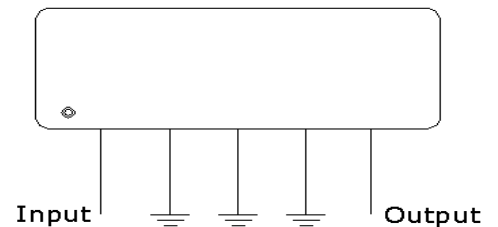
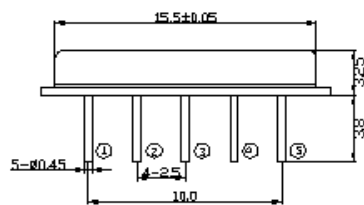
# 162875

## Specifications

Parameter	Unit	Min	Typical	Max
Reference Level Frequency	MHz	-	43.5	-
Insertion Loss	dB		23.5	26
Relative Attenuation				
Picture carrier	45.75 MHz	-1.3	-0.3	0.7
	46.50 MHz	0.6	1.4	2.6
Sound carrier	41.25 MHz	-1.2	0.4	0.8
Adjacent picture carrier	39.75 MHz	30.0	38.0	-
Adjacent sound carrier	47.25 MHz	30.0	38.0	-
Lower sidelobe	35.00 – 39.25 MHz	30.0	36.0	-
Upper sidelobe	47.75 – 55.00 MHz	30.0	31.5	-
Reflected wave signal suppression (2.0-6.0 us after main)		40	48	
Feedthrough signal suppression (1.3-1.2 us before main)			43	
Group Delay Variation	nsec		80	
Temperature coefficient of frequency(TCf)	ppm/K		-72	

## Package Outline

(UNIT : mm)



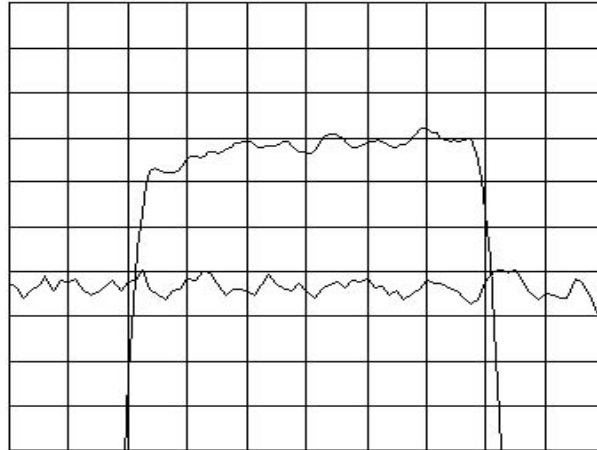
Source/Load Impedance = 50 Ω

SAW PRODUCTS

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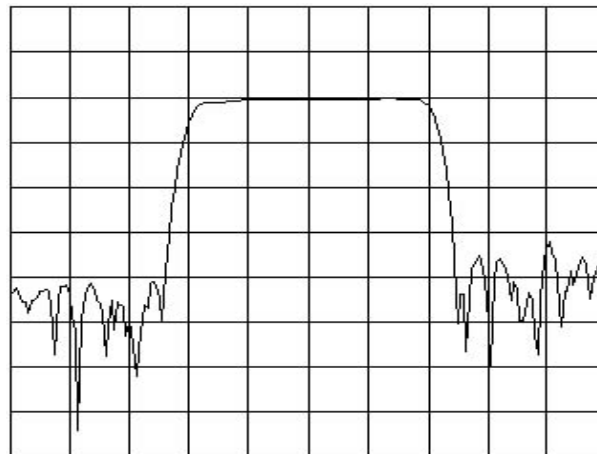
162875

### Typical Performance – Narrowband



Horizontal : 1.0 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