

SF864A - Low Loss RF Filter for Wireless Audio Application

This product is lead-free in compliance with RoHs 2002/95/EC.

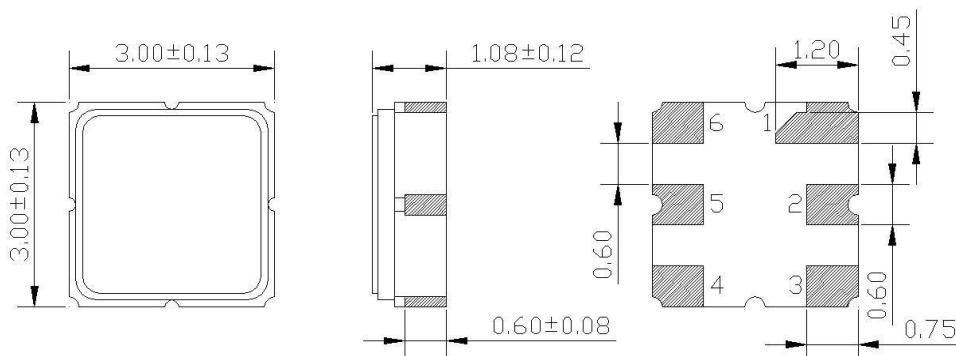
Test conditions:

RF power	0 dBm	
temperature:	23 °C	
DC Voltage	0 V	
Terminating source impedance (Z _S):	50 Ω	No matching
Terminating load impedance (Z _L):	50 Ω	No matching

	minimum	typical	maximum	unit
Centre frequency		864.0		MHz
Insertion Loss in Pass Band				
862.5 – 865.5 MHz		2.0	3.5	dB
Ripple in Pass Band				
862.5 – 865.5 MHz		0.8	1.5	dB
VSWR in Pass Band				
862.5 – 865.5 MHz		1.6	2.0	
Rejection				
10.0 MHz – 300.0 MHz	45	48		dB
300 MHz – 848 MHz	39	42		dB
848 MHz – 853.3 MHz	30	38		dB
878 MHz – 882 MHz	35	48		dB
882 MHz – 1200 MHz	45	52		dB
1200.0 MHz – 2500.0 MHz	40	45		dB
RF Power			25	dBm
Operating temperature range	-30		+70	°C
Storage temperature range	-40		+85	°C
Temperature coefficient of frequency		-31.0		ppm/K

Electrostatic Sensitive Device

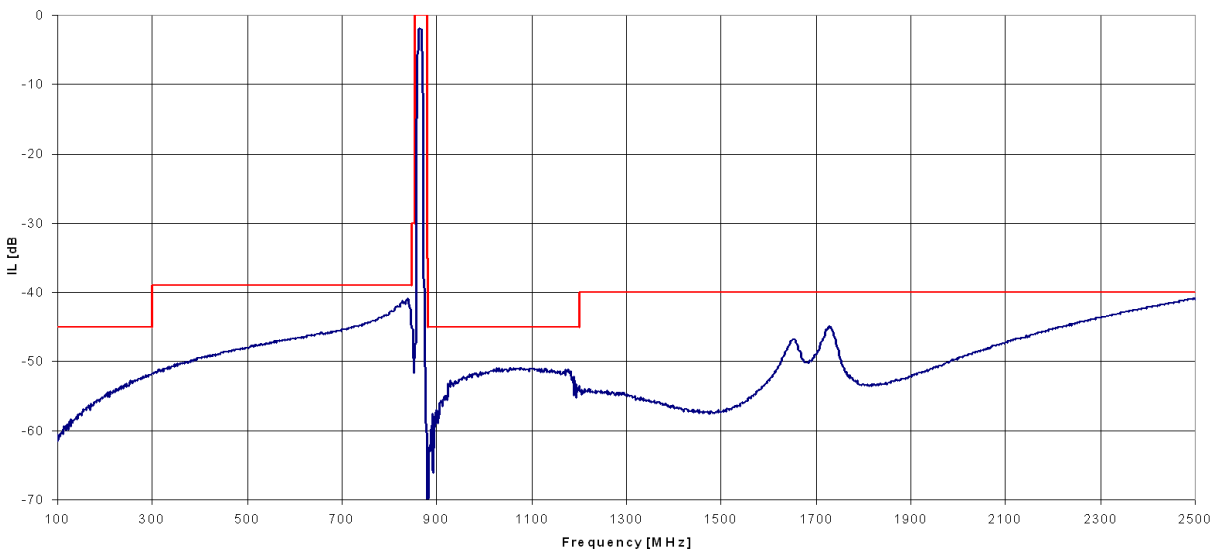
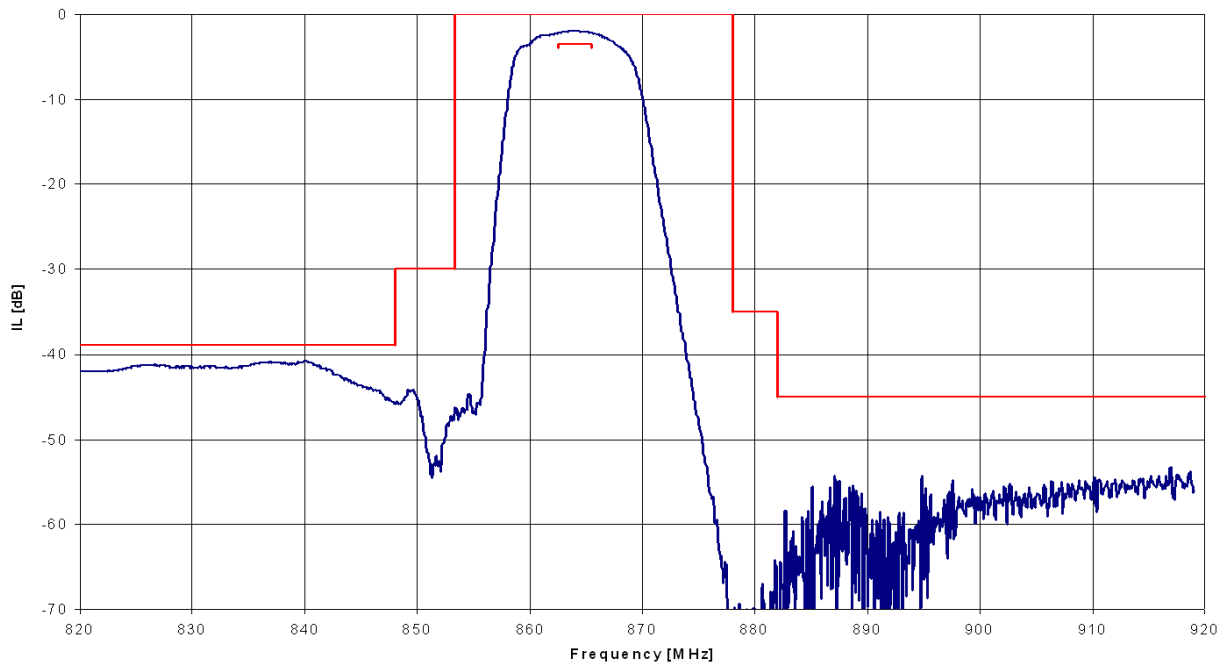
Package: S25 / 3.0*3.0mm²



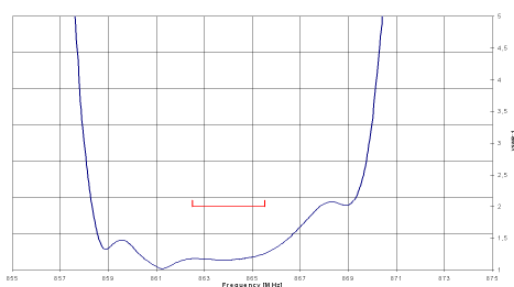
All dimensions in mm

Pin 2 Input Pin 5 Output
 Pin 1, 4 Case ground Pin 3, 6 To be grounded

Typical performance:



VSWR in



VSWR out

