



830MHz SAW filter technical specification

SP 830

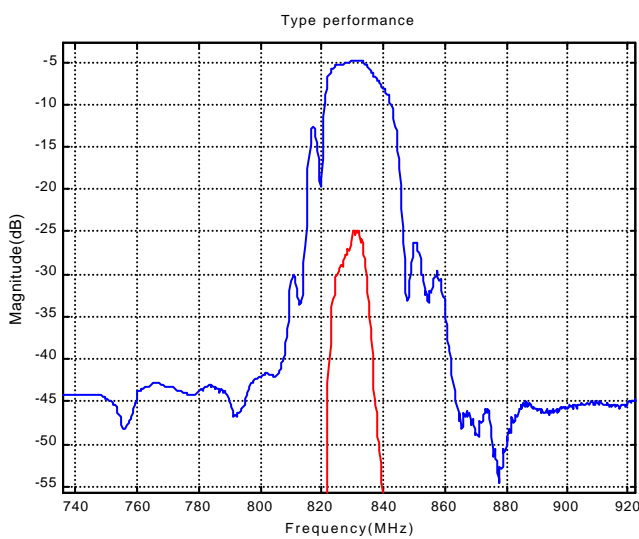
Absolute Maximum Rating

Rating	Value
CW RF power Dissipation	+10dBm
DC Voltage between any 2 pins	± 30 VDC
Operating Temperature	-10 to +50 $^{\circ}$ C

Electrical Characteristic

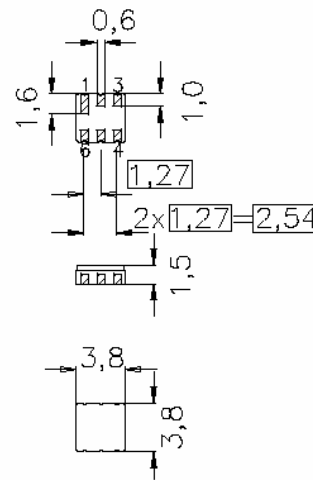
Characteristic	Unit	Minimum	Typical	Maximum
Center Frequency (f_0)	MHz		830	
3dB bandwidth	MHz	17.80	18.20	
Insertion Loss				
1) f_0-20 MHz~ f_0-15 MHz	dB	25	3.5	4
2) f_0				
3) f_0+15 MHz~ f_0+20 MHz				
Amplitude Ripple	dB		0.6	1.0
Input and output Impedance			-	
Package			DCC6	
Ambient Temperature	$^{\circ}$ C		25	

Frequency response



Package

Ceramic package DCC6



Dimensions in mm, approx. weight 0,07 g