



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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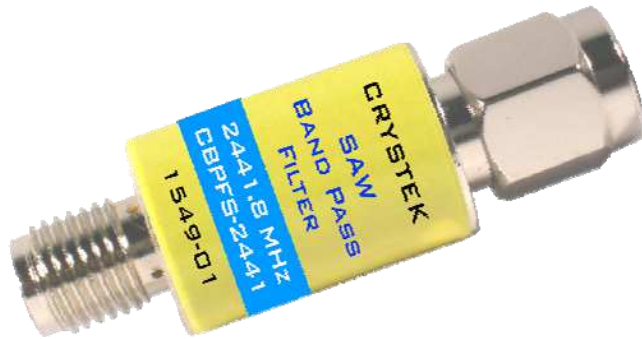
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Bluetooth
SAW Band Pass Filter
50 Ω SMA



Part Number: CBPFS-2441
Center Frequency 2441.8 MHz
Band Pass Width 83.5 MHz



Features:

- SAW Band Pass Filter
- 50 Ω SMA Connectors

Applications:

- Test Equipment
- Lab Use

Maximum Ratings:

- Input Power +20 dBm
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -40°C to 85°C

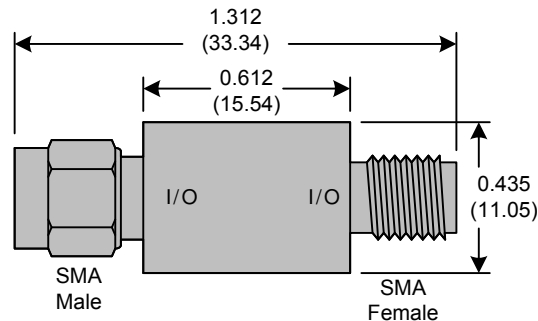
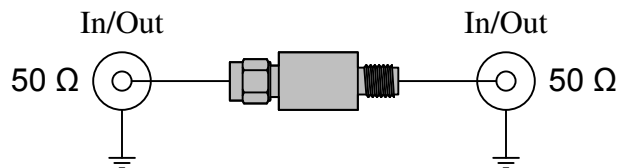
Crystek’s line of SAW Band Pass Filters are designed in a rugged SMA housing. This filter line has excellent out-of-band rejection. Designed for Test Equipment and General Lab Use.

Product Control:			
Crystek Part Number:	CBPFS-2441	Release Date:	08-Feb-2016
Revision Level:	E	Responsible:	K. Piotrowicz



PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Center Frequency:		2441.8		MHz
Pass Bandwidth:		83.5		MHz
Insertion Loss:		3.0	5.0	dB
Amplitude Ripple:		0.9	3.0	dB
Attenuation: DC – 1700 MHz		29		dB
Attenuation: 1700 – 2200 MHz		30		dB
Attenuation: 2544 – 2627 MHz		40		dB
Attenuation: 2700 – 3100 MHz		38		dB
Attenuation: 3100 – 4000 MHz		25		dB
VSWR:			2:1	
Impedance:		50		Ω
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-40		+85	$^{\circ}\text{C}$

Schematic

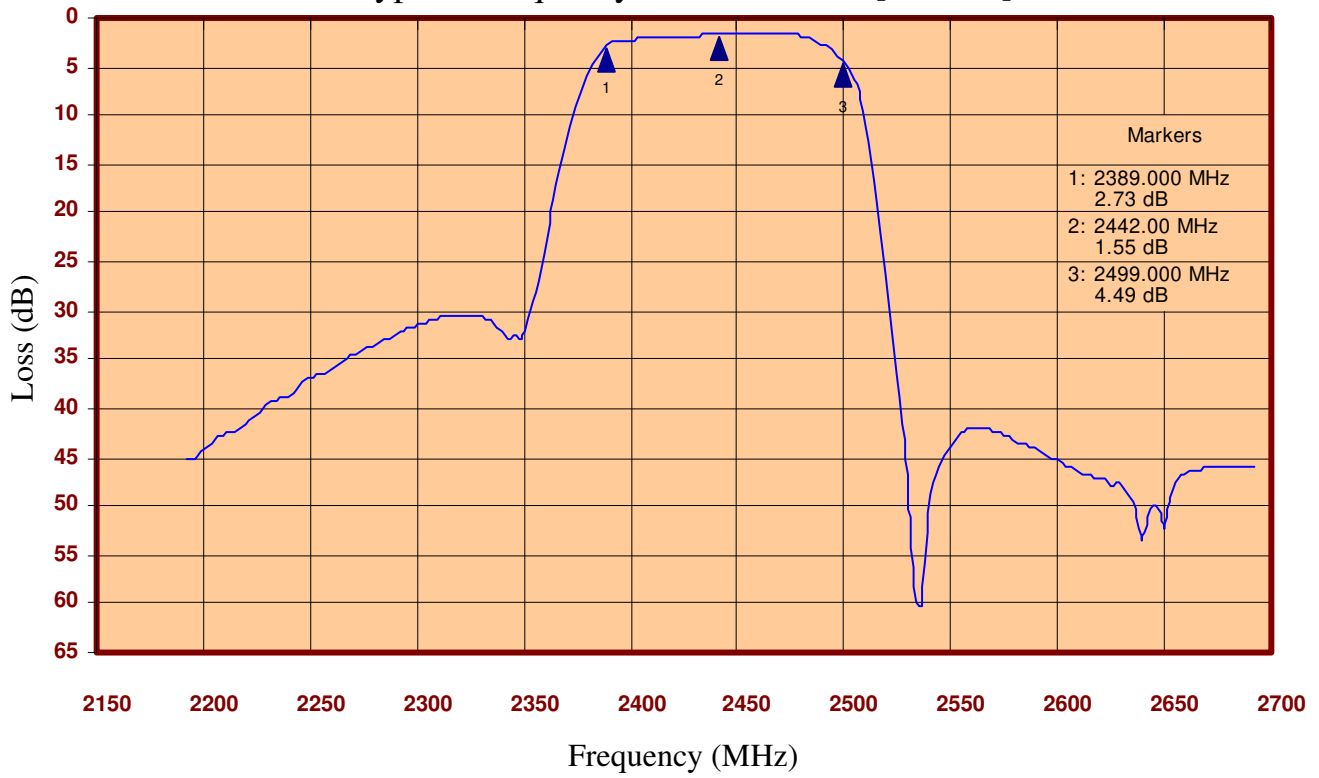


Rev E

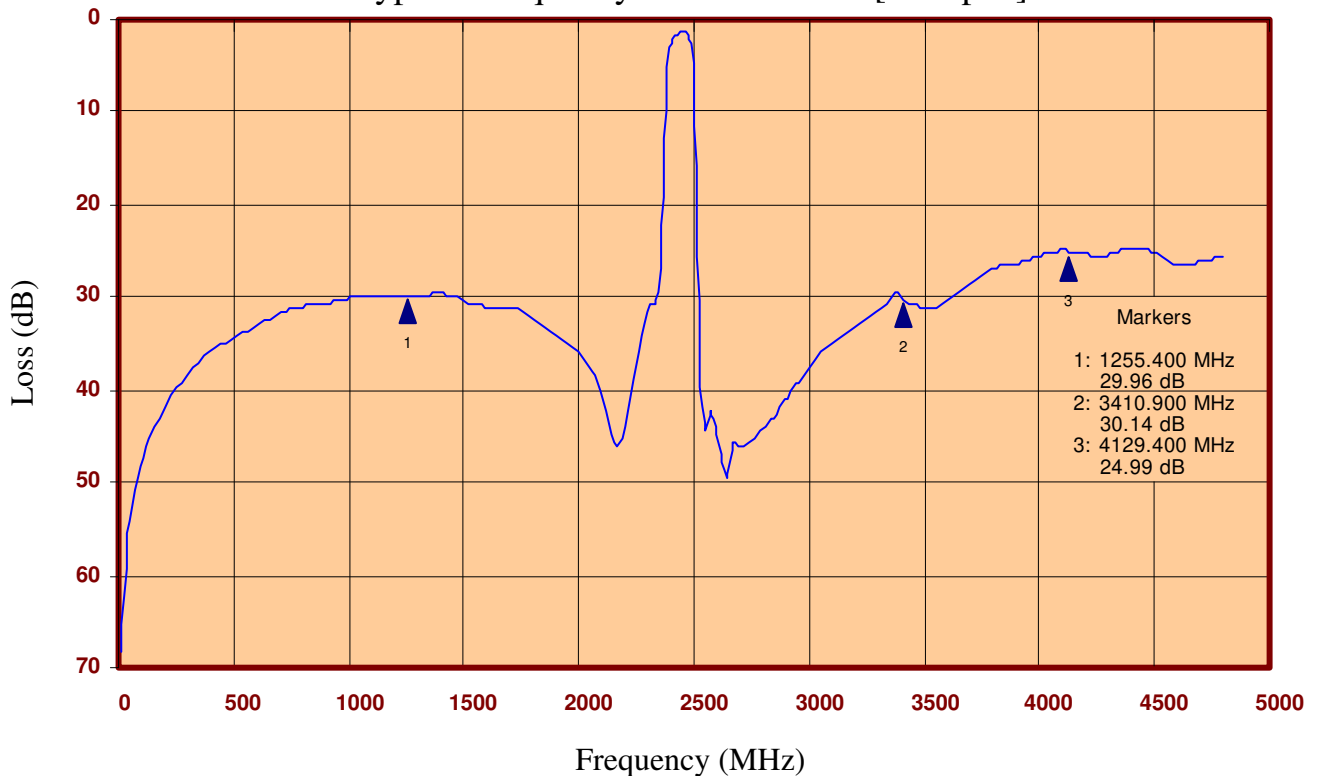




Typical Frequency Characteristics [close in]



Typical Frequency Characteristics [full span]



Rev E

