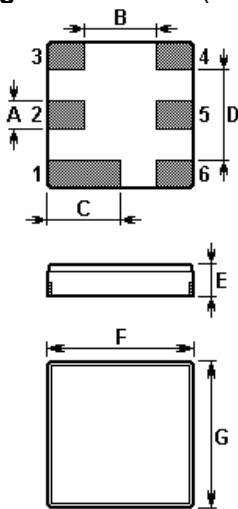


The **ACTF9156/922/BW5MHz/DCC6C** is a low-loss, compact, and economical (**SAW**) RF filter in a surface-mount ceramic **DCC6C** case with center frequency 922.5 MHz.

Custom Part Specification

1. Package Dimensions (DCC6C)



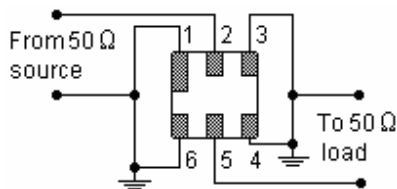
Pin	Configuration
2	Input / Output
5	Output / Input
1, 3, 4, 6	Case Ground

Sign	Data (unit: mm)	Sign	Data (unit: mm)
A	0.6	E	1.1
B	1.5	F	3.0
C	1.5	G	3.0
D	1.8		

2. Marking

Laser Printing

3. Test Circuit



In keeping with our ongoing policy of product evolution and improvement, the above specification is subject to change without notice.

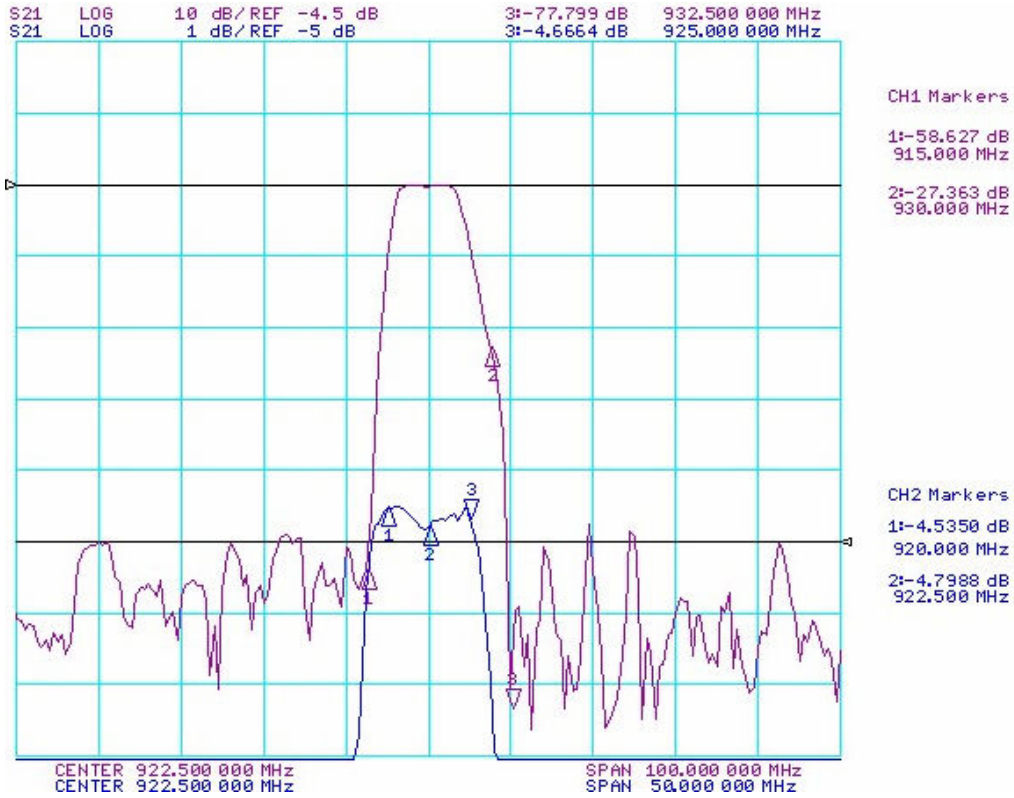
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For quotations or further information please contact us at:

3 The Business Centre, Molly Millars Lane, Wokingham, Berks, RG41 2EY, UK

<http://www.actcrystals.com>

4. Typical Frequency Response



5. Performance

5-1. Maximum Ratings

Rating	Value	Unit
Input Power Level	15	dBm
DC Voltage	12	V
Storage Temperature Range	-40 to +85	°C
Operating Temperature Range	-30 to +85	°C

5-2. Electronic Characteristics (@25 °C)

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Characteristic	Min.	Typ.	Max.	Unit
Center Frequency f_c		922.50		MHz
Insertion Loss @922.5MHz IL	--	5.0	6.0	dB
1dB Bandwidth BW_1	5	5.6		MHz
Pass band Ripple 920.00 MHz 925.00 MHz $\Delta\alpha$	--	0.5	1.0	dB
Absolute Attenuation α				
0.3 MHz 915.00 MHz	40	45	--	dB
915.00 MHz	40	45	--	
930.00MHz	20	25	--	
930.00 MHz932.5 MHz	20	25	--	
932.5 MHz1500 MHz	40	45	--	
VSWR@922.5MHz		1.3	2.0	
Input / Output Impedance	50			Ω

ⓘ CAUTION: Electrostatic Sensitive Device. Observe precautions for handling!

NOTE:

1. The frequency f_c is defined as the midpoint between the 3dB frequencies.
2. Unless noted otherwise, all measurements are made with the filter installed in the specified test fixture that is connected to a 50 Ω test system with VSWR \leq 1.2:1. Unless noted otherwise, specifications apply over the entire specified operating temperature range.
3. The specifications of this device are based on the test circuit shown above and subject to change or obsolescence without notice.
4. All equipment designs utilizing this product must be approved by the appropriate government agency prior to manufacture or sale.
6. Our liability is only assumed for the Surface Acoustic Wave (SAW) component(s) per se, not for applications, processes and circuits implemented within components or assemblies.

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