Tel : 0044 (0) 118 979 1238
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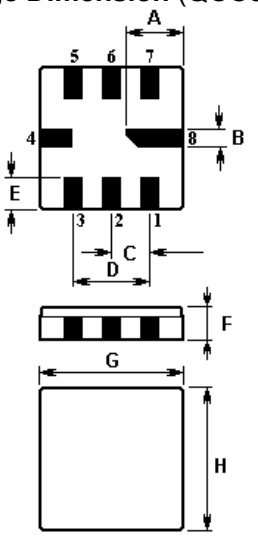
The **ACTF4130-462.5625-QCC8C** is a low-loss, compact, and economical surface-acoustic-wave (**SAW**) filter in a surface-mount ceramic **QCC8C** case with center frequency **462.5625** MHz.

1. Package Dimension (QCC8C)



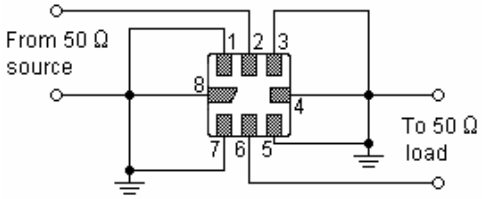
Pin	Configuration
2	Input / Output
6	Output / Input
1,3, 5,7	To be Grounded
4,8	Case Ground

Sign	Data (unit: mm)	Sign	Data (unit: mm)
A	2.08	E	1.20
B	0.60	F	1.35
C	1.27	G	5.00
D	2.54	H	5.00

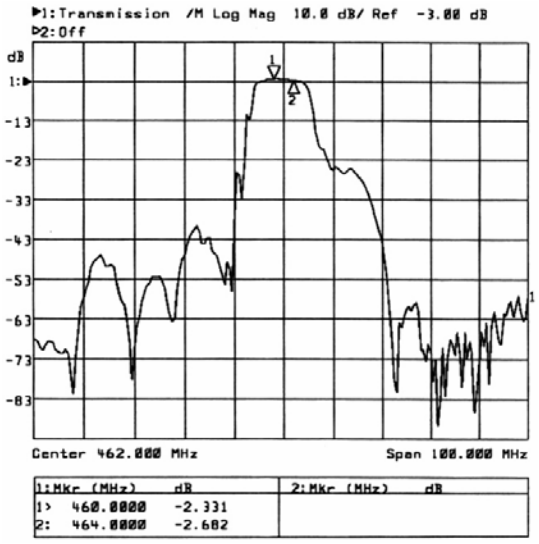
2. Marking

Laser Marking

3. Test Circuit



4. Typical Frequency Response



For quotations or further information please contact us at:
3 The Business Centre, Molly Millars Lane, Wokingham, Berkshire, RG41 2EY, UK
http://www.actcrystals.com

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5. Performance

5-1.Maximum Rating

Rating		Value	Unit
Input Power Level	P	10	dBm
DC Voltage	V_{DC}	12	V
Operable Temperature Range	T_A	-40 to +85	℃
Storage Temperature Range	T_{stg}	-40 to +85	℃

5-2.Electronic Characteristics

Characteristic		Minimum	Typical	Maximum	Unit
Center Frequency	f_C	--	462.5625	--	MHz
User Signal Band	BW	--	±2.0	--	MHz
Insertion Loss f_C ± 2.0MHz	IL	--	3.0	4.5	dB
Absolute Attenuation DC to f_C − 25.0MHz f_C+30.0MHz to f_C+200.0MHz	α	 35 45	 45 55	 -- --	dB
Pass Band Ripple f_C ± 2.0MHz	$\Delta\alpha$	--	--	2.0	dB
Input / Output Impedance (Nominal)		50Ω//0pF			

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

1. Unless noted otherwise, all measurements are made with the filter installed in the specified test fixture that is connected to a 50Ω test system with VSWR≤1.2:1. The test fixture L and C are adjusted for minimum insertion loss at the filter center frequency, f_C. Note that insertion loss, bandwidth, and passband shape are dependent on the impedance matching component values and quality.
2. 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.
5. 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.