



***SAW Components***  
***Data Sheet***  
***CQTSF915M00.01***

Customer's Approval Certificate	
Complies with Directive 2002/95/EC (RoHS)	
Please return this Page Via email as a certification of Your approval	
Checked & Approval by:	Date:

Hangzhou Freq-control Electronics Technology Co.,Ltd.

TEL:0086-571-85803723

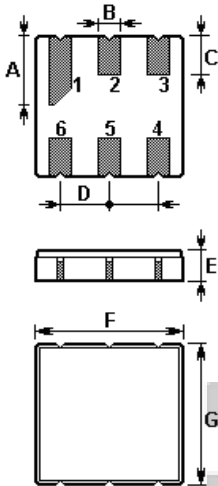
FAX:0086-571-85803724

[sales@@csimc-freqcontrol.com](mailto:sales@@csimc-freqcontrol.com)

**Features**

The **CQTSF915M00.01** is a low-loss, compact, and economical surface-acoustic-wave (**SAW**) RF filter in a surface-mount ceramic **DCC6** case for cordless telephone. It provides low insertion loss and high attenuation.

**1. Package Dimension (DCC6)**



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

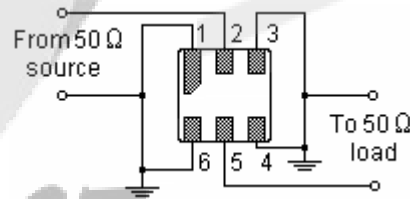
Sign	Data (unit: mm)	Sign	Data (unit: mm)
A	1.90±0.1	E	1.35±0.15
B	0.64±0.1 (x6)	F	3.80±0.15
C	1.00±0.1 (x5)	G	3.80±0.15
D	1.27±0.1 (x4)		

**2. Marking**

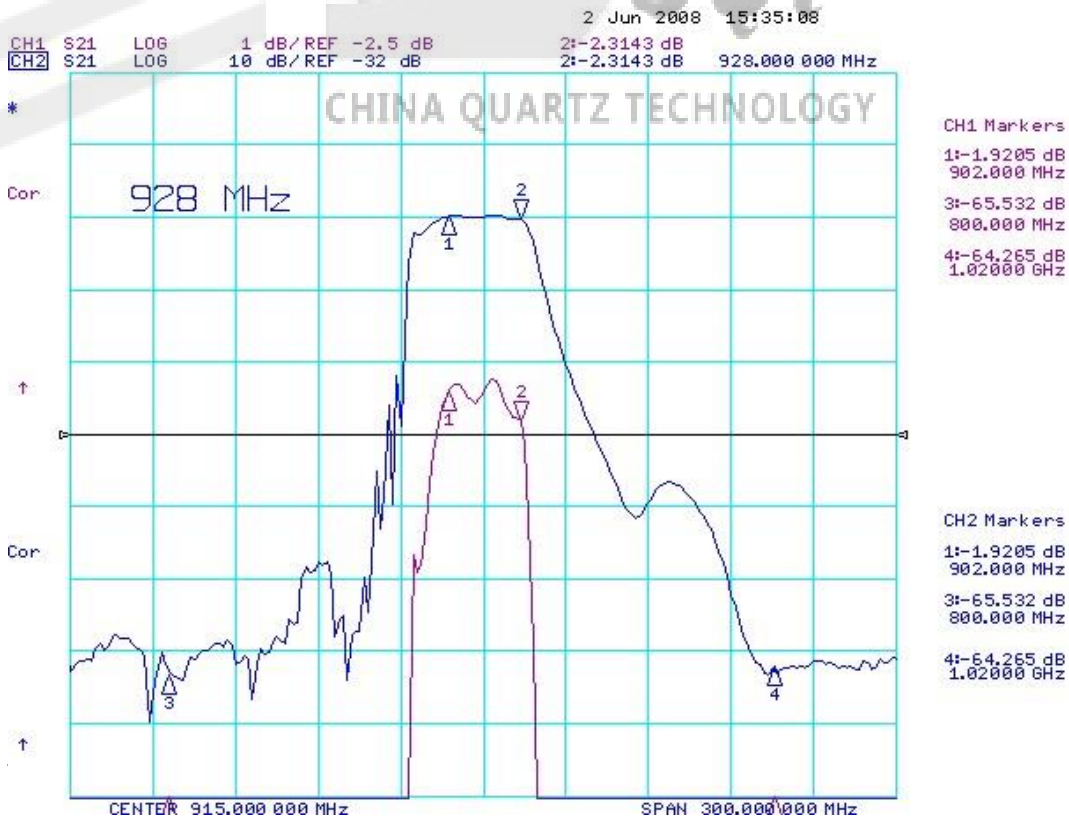


Laser Marking

**Matching Circuit**



**4. Typical Frequency Response**



## 5. Performance

### 5-1. Maximum Ratings

Rating		Value	Unit
Input Power Level	$P$	10	dBm
DC Voltage	$V_{DC}$	12	V
Operable Temperature Range	$T_A$	-10 to +65	°C
Storage Temperature Range	$T_{stg}$	-40 to +85	°C

### 5-2. Electronic Characteristics

Characteristic		Minimum	Typical	Maximum	Unit
Nominal Center Frequency	$f_c$	--	915.000	--	MHz
Usable Pass Bandwidth	$BW$	--	26	--	MHz
Insertion Loss	$IL$	--	2.3	3.5	dB
902.00 ... 928.00 MHz					
Inband Ripple		--	0.8	1.2	dB
$\Delta \alpha$					
902.00 ... 928.00 MHz					
Absolute Attenuation	$\alpha$				dB
DC ... 800.00 MHz		45	58	--	dB
800.00 ... 865.00 MHz		40	48	--	dB
975.00 ... 1020.0 MHz		30	40	--	dB
1020.0 ... 2000.0 MHz		45	58	--	dB
Input / Output Impedance (Nominal)			50		$\Omega$

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