



SAW Components

Data Sheet

CQTSF434M00.01

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:

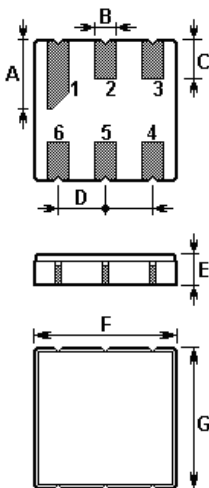
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1. Package Dimension (DCC6)



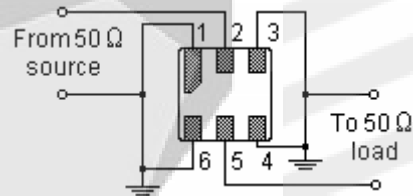
Pin	Configuration
2	Input
5	Output
1, 3, 4, 6	Ground

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)		

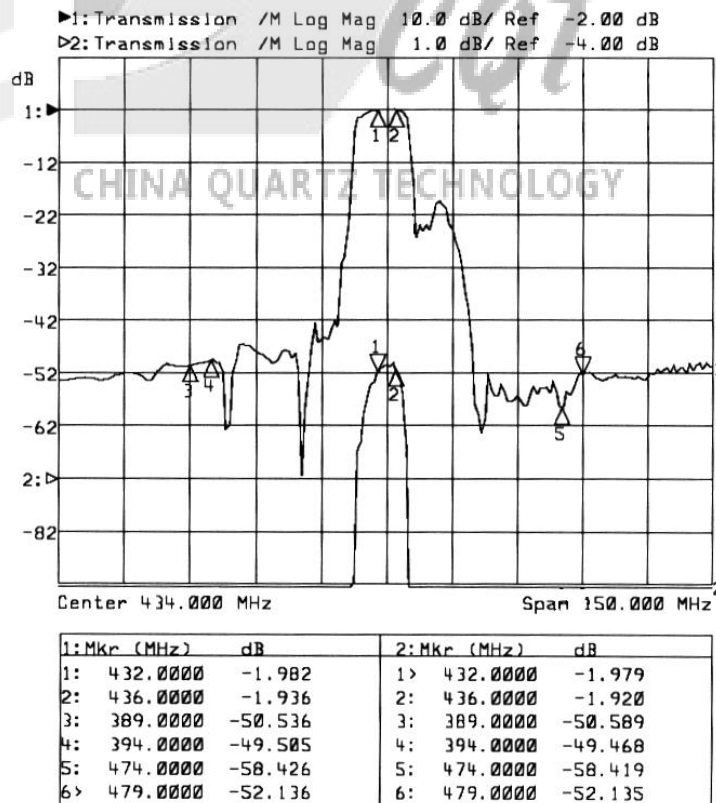
2. Marking

TBD
Laser Printing, Top view

3. 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}	10	V
Operable Temperature Range	T_A	-40 to +85	°C
Storage Temperature Range	T_{stg}	-40 to +85	°C

5-2. Electronic Characteristics

Item		Minimum	Typical	Maximum	Unit
Center Frequency	f_c	--	434.000	--	MHz
Insertion Loss	I/L	--	2.8	4.0	dB
Passband Ripple					
$\Delta \alpha$	within 432MHz to 436MHz	--	1.0	1.5	dB
Ultimate Attenuation	α				
	$f_c-100\text{MHz}$ to $f_c-40.8\text{MHz}$	45	50	--	dB
	$f_c+40.8\text{MHz}$ to $f_c+100\text{MHz}$	45	50	--	dB
VSWR					
	within 432MHz to 436MHz	--	1.5	2.0	
Input / Output Impedance (Nominal)		50Ω			

CAUTION: Electrostatic Sensitive Device. Observe precautions for handling!

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