

- Low-loss RF SAW filter
- High Rejection
- Single Ended operation at 50Ω without matching
- Ceramic package for Surface Mounted Technology (SMT)
- Lead-free production and RoHS compliant

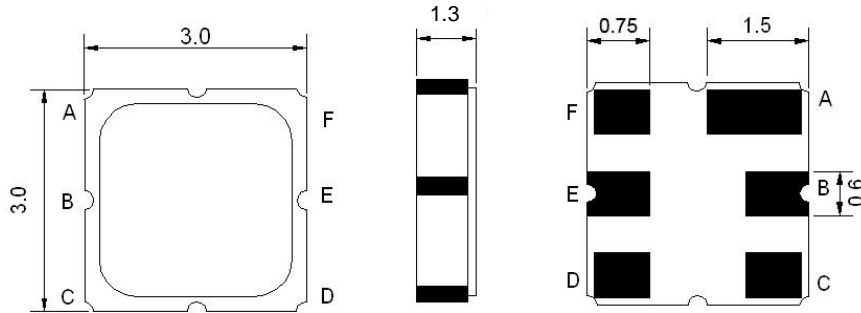


Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V _{DC}	-	-	0
Maximum RF Power	dBm	-	-	10
Source Impedance	Ω	-	50	-
Load Impedance	Ω	-	50	-
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

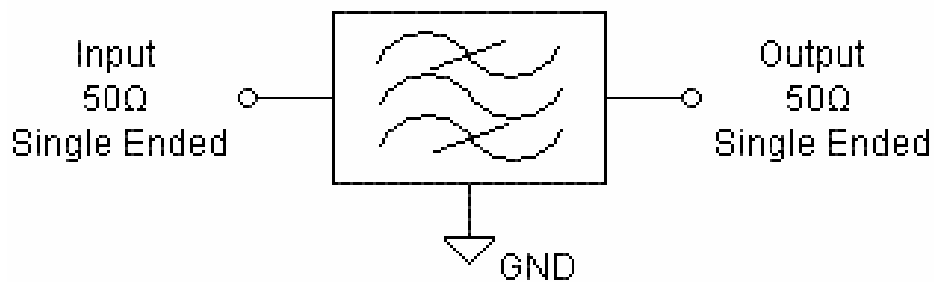
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1732.5	-
Maximum Insertion Loss @ 1707.50 ~ 1757.50MHz	dB	-	1.4	2.5
Amplitude Variation @ 1707.50 ~ 1757.50MHz	dB		0.6	1.2
Absolute Attenuation:				
0.30 ~ 1000.00 MHz	dB	22	25	-
1000.00 ~ 1650.00 MHz	dB	22	25	-
1650.00 ~ 1690.00 MHz	dB		4	
1775.00 ~ 2000.00 MHz	dB		4	
2000.00 ~ 2500.00 MHz	dB	25	28	-
2500.00 ~ 3000.00 MHz	dB	25	32	-
Group delay ripple @ 1707.50 ~ 1757.50MHz	nS		10	30
Input / Output VSWR @ 1707.50 ~ 1757.50MHz		-	1.7:1	2.0:1

Package Dimensions



Pin Description	
B	Input
E	Output
A, C, D, F	Case Ground
A, C, D, F	To Be Ground

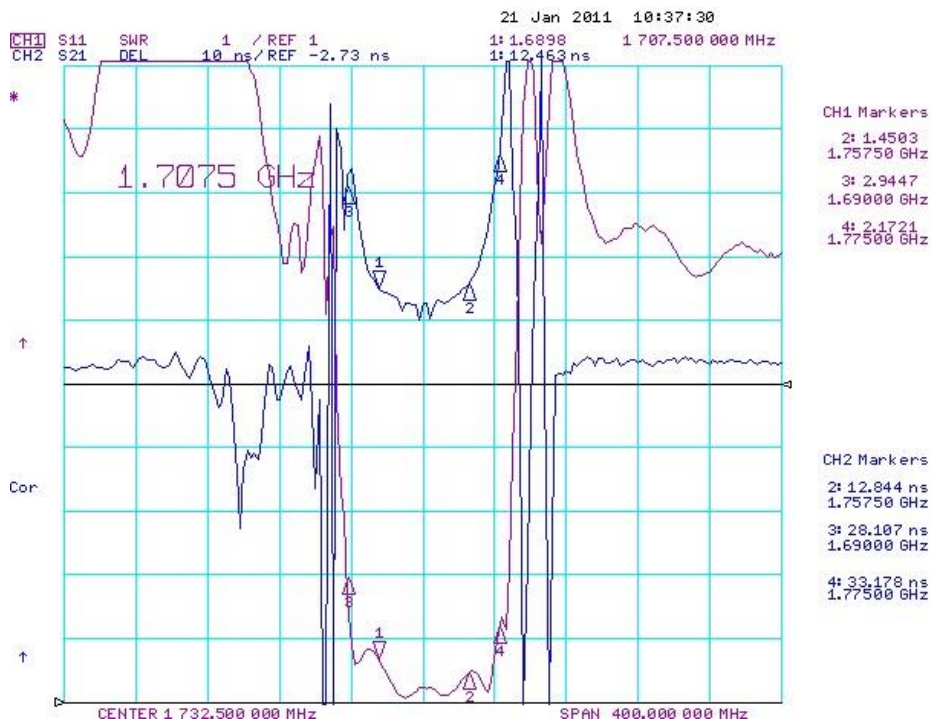
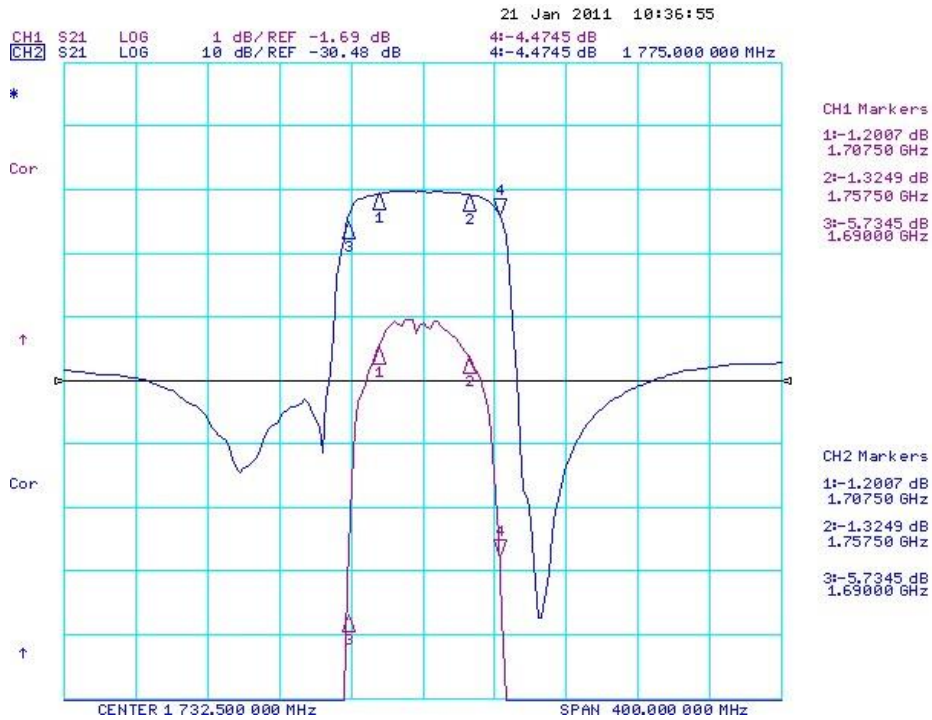
Testing Environment



50Ω / 50Ω Configuration

Frequency Characteristics

Frequency Response



Frequency Response

