

• RF SAW Filter for mobile systems

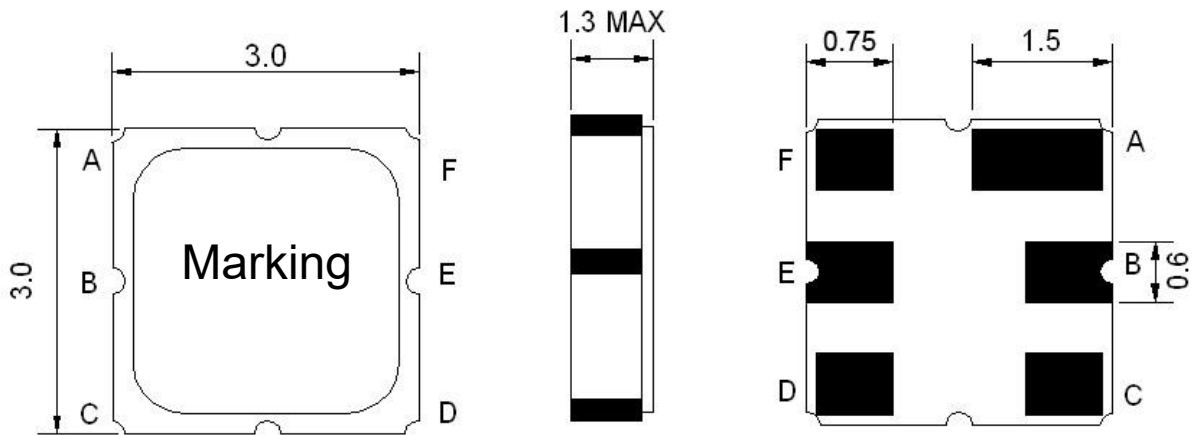
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+125
Storage Temperature Range	°C	-40	-	+125
Maximum DC Voltage	V	-	-	12
Maximum Input Power	dBm	-	-	24
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
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	-	915	-
Insertion Loss within 902 ~ 928 MHz	dB	-	2.2	3.2
Amplitude Ripple within 902 ~928 MHz	dB	-	0.3	1.0
Group Delay Variation within 902 ~928 MHz	ns	-	20	50
Attenuation:				
DC ~ 800.0 MHz	dB	50	63	-
800.0 ~ 880.0 MHz	dB	40	48	-
960.00 ~ 1080.0 MHz	dB	32	39	-
1080.0 ~ 1500.0 MHz	dB	45	60	-
1500.00 ~ 3000.0 MHz	dB	22	28	-
Input/Output VSWR within 902 ~928 MHz			1.5	2.0

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

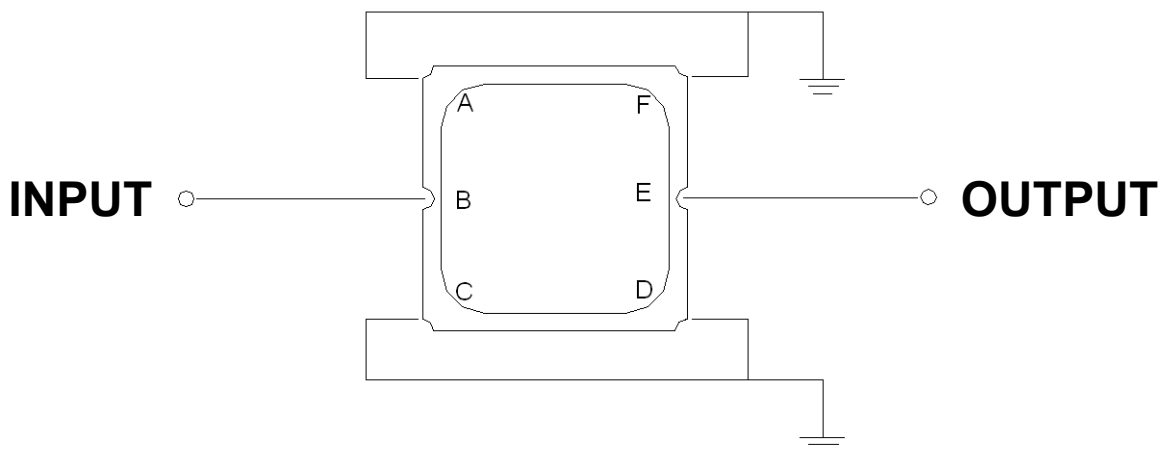
Package Dimensions



Pin Description	
A, C, D, F	Ground
E	Out
B	In

Unit: mm

Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response

