

- GSM, RF SAW Filter
- Revision 0 :

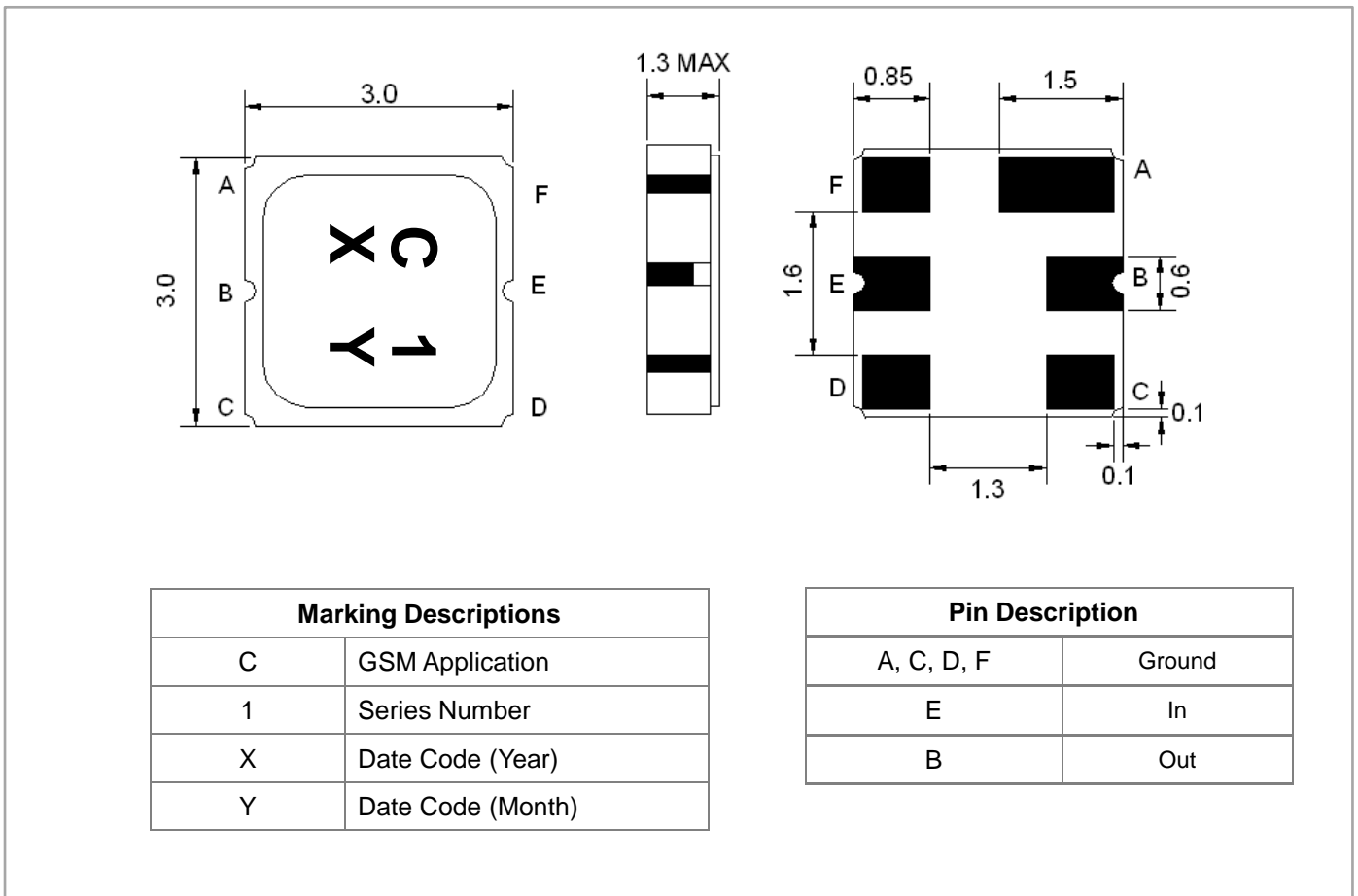
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-25	-	+75
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
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

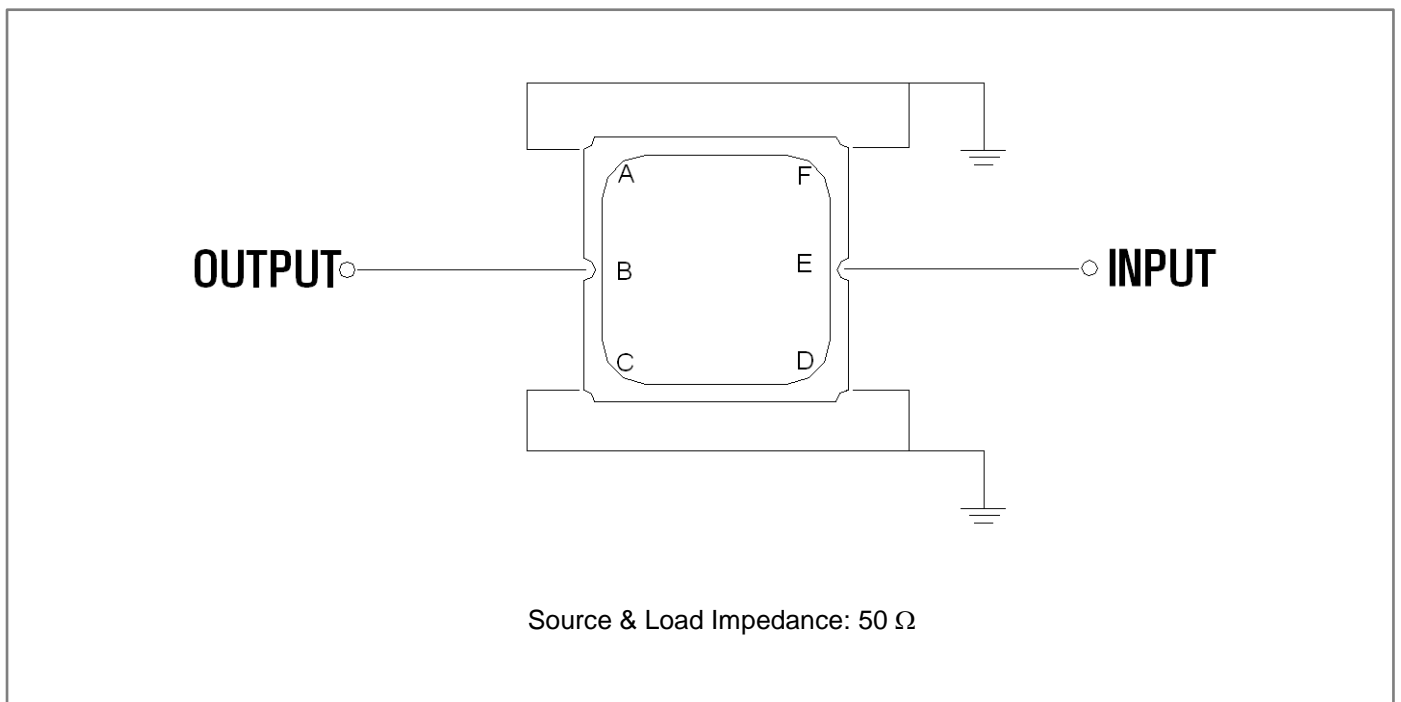
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	902.5	-
Insertion Loss (890~915 MHz)	dB	-	3.0	3.5
Amplitude Ripple within 890~915 MHz	dB _{p-p}	-	0.8	1.5
Attenuation:				
D.C. ~ 845 MHz	dB	48	52	-
845 ~ 870 MHz	dB	40	45	-
925 ~ 935 MHz	dB	5	15	-
935 ~ 980 MHz	dB	25	32	-
980 ~ 1200 MHz	dB	45	49	-
1200 ~ 3000 MHz	dB	25	38	-
VSWR (890~915 MHz)	-	-	1.8	2.3

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

Package Dimensions

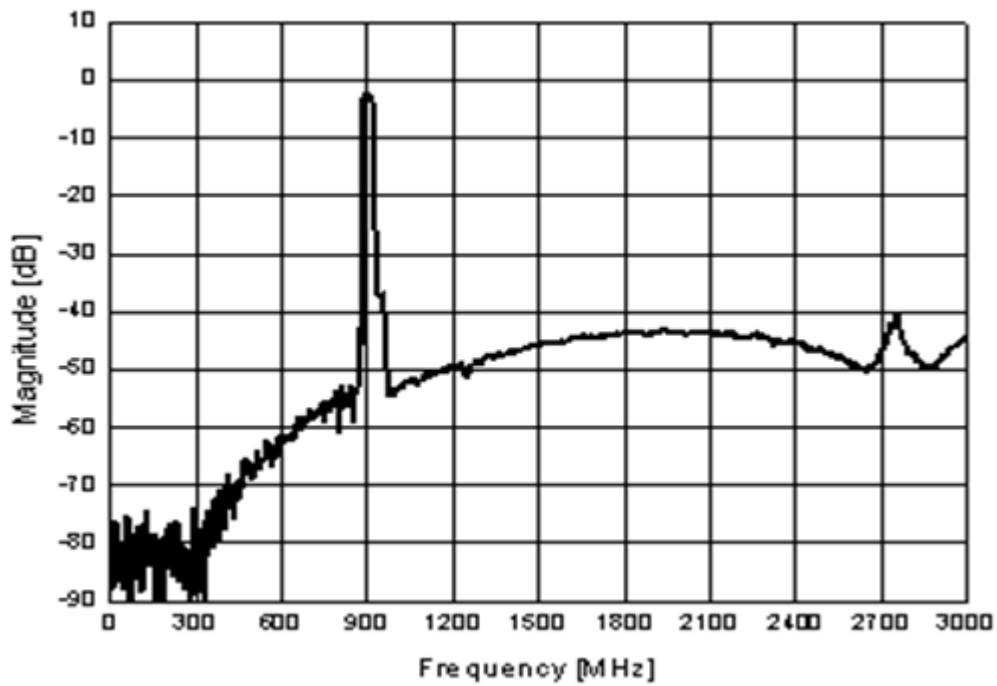
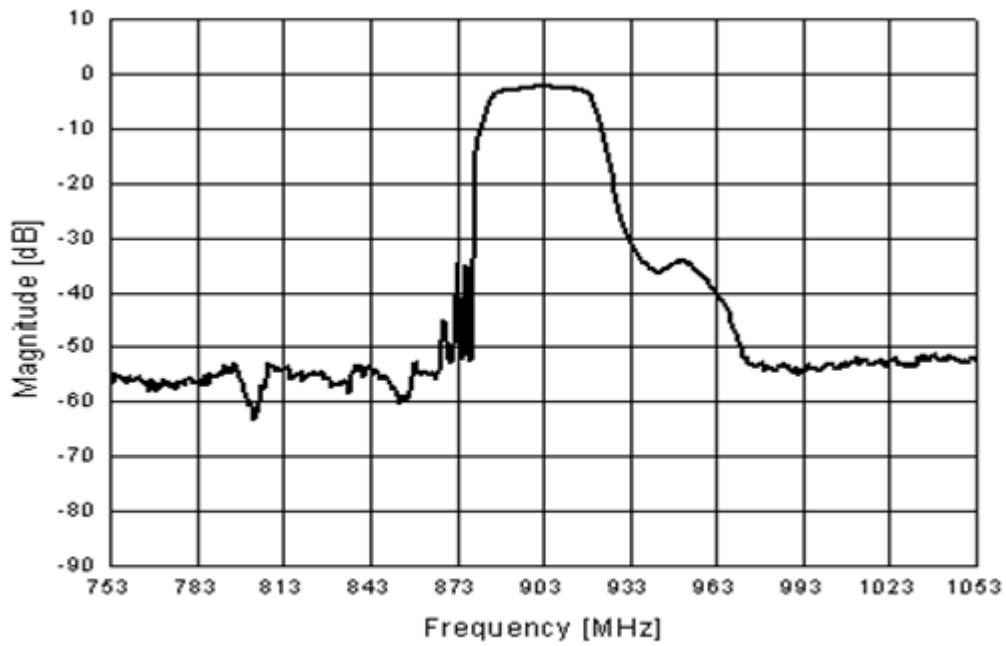


Testing Environment

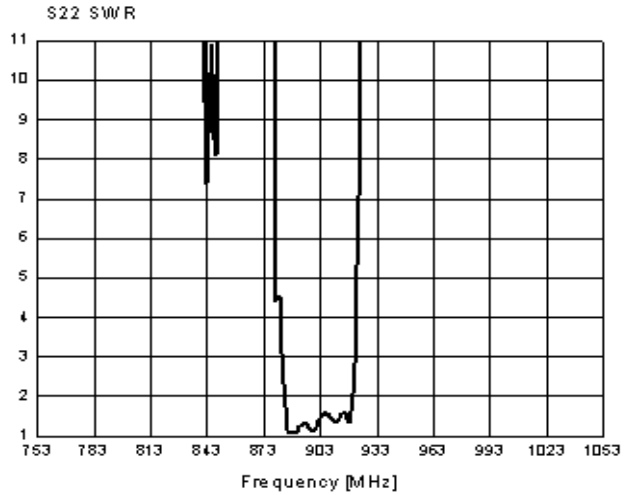
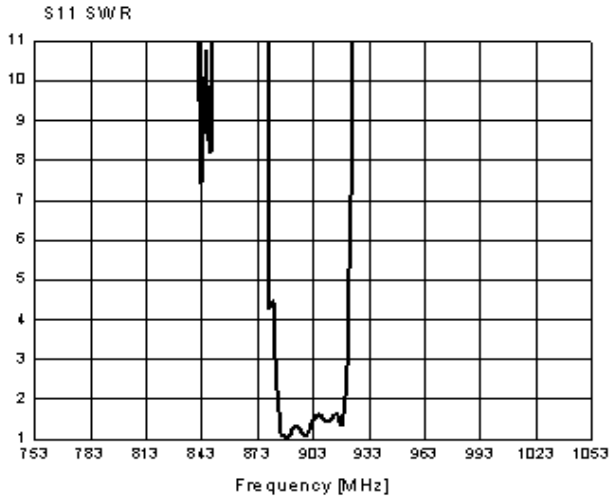


Frequency Characteristics

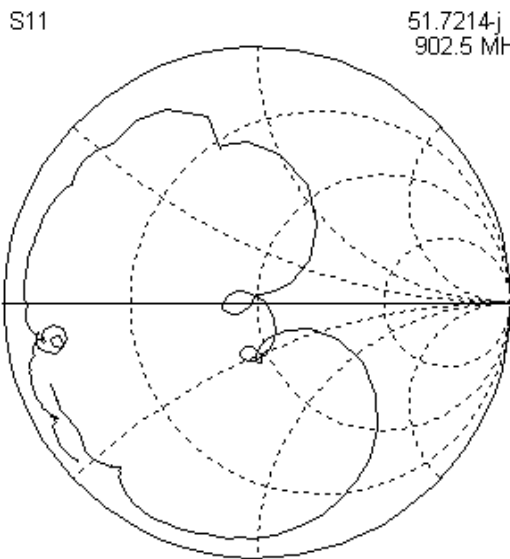
Frequency Response



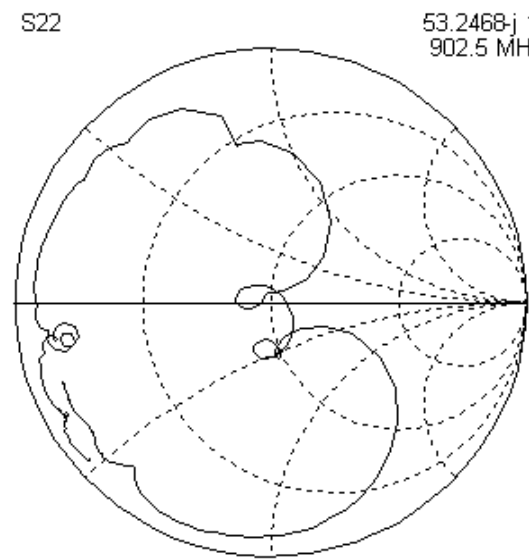
VSWR



Smith Chart



51.7214-j 19.5584
902.5 MHz



53.2468-j 19.0515
902.5 MHz