

SAW Filter 909.30MHz
Part No: MP07016

Model: TA1736A
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

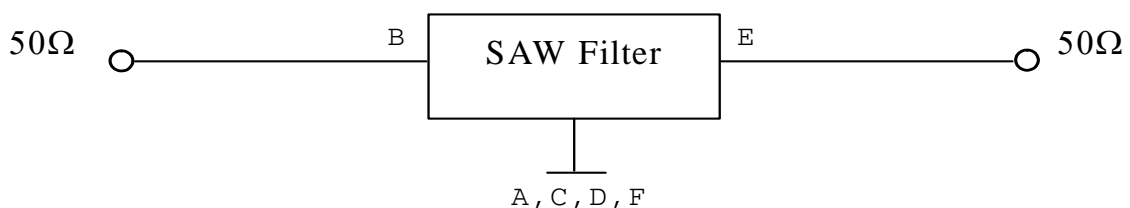
1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	909.3	-
Insertion Loss (904.3 ~ 914.3MHz) IL	dB	-	1.6	3.0
Amplitude Ripple (904.3 ~ 914.3MHz)	dB	-	0.5	1.8
VSWR (904.3 ~ 914.3MHz)	-	-	1.3	2.0
Attenuation (Reference level from 0dB)				
310 ~ 875MHz	dB	33	41	-
940 ~ 1510MHz	dB	35	44	-
Temperature coefficient of frequency	ppm/k	-	-36	-

C. MEASUREMENT CIRCUIT:

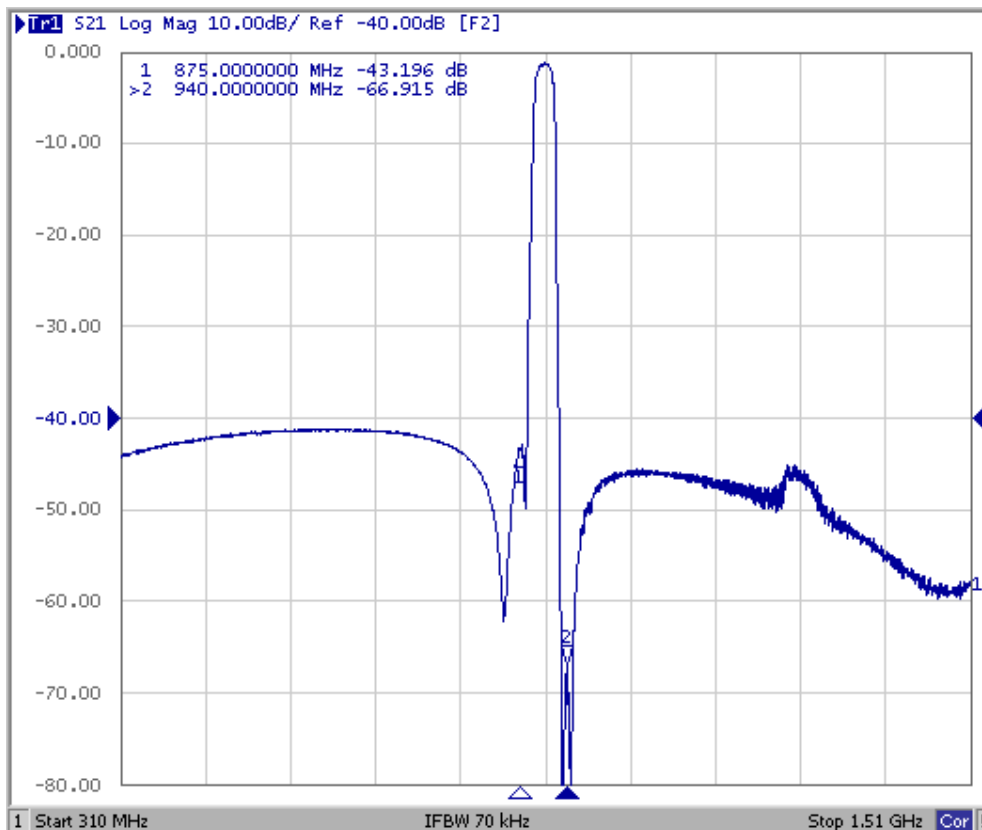
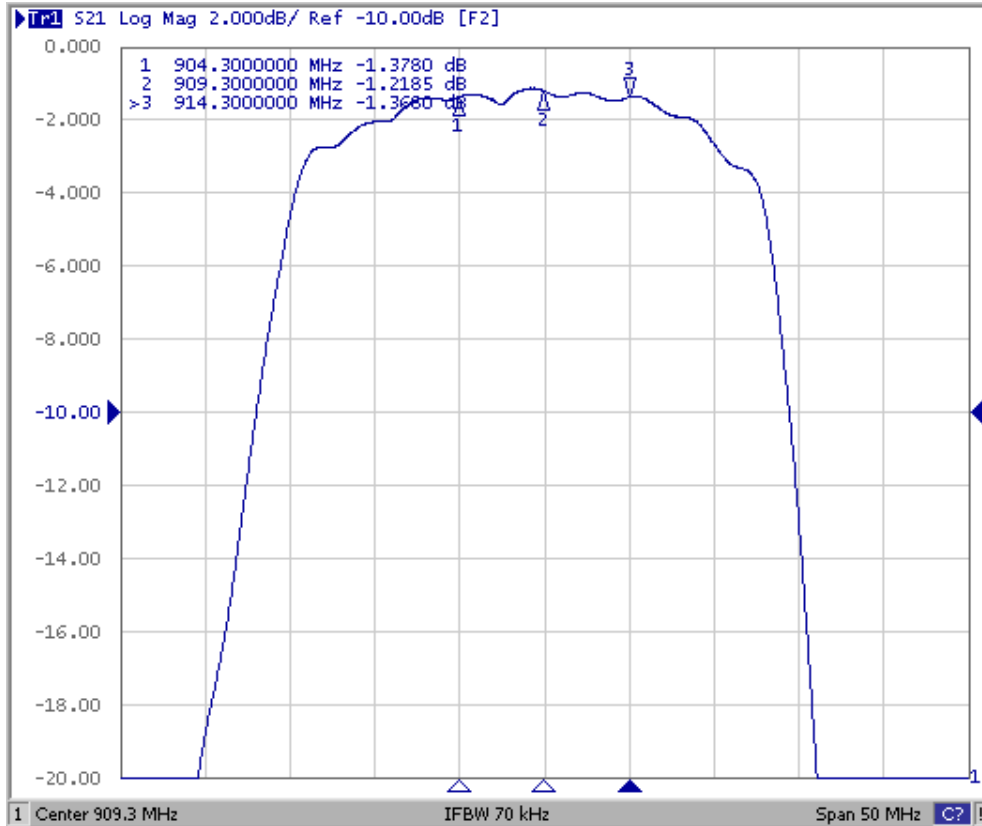
HP Network analyzer



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D. FREQUENCY CHARACTERISTICS:

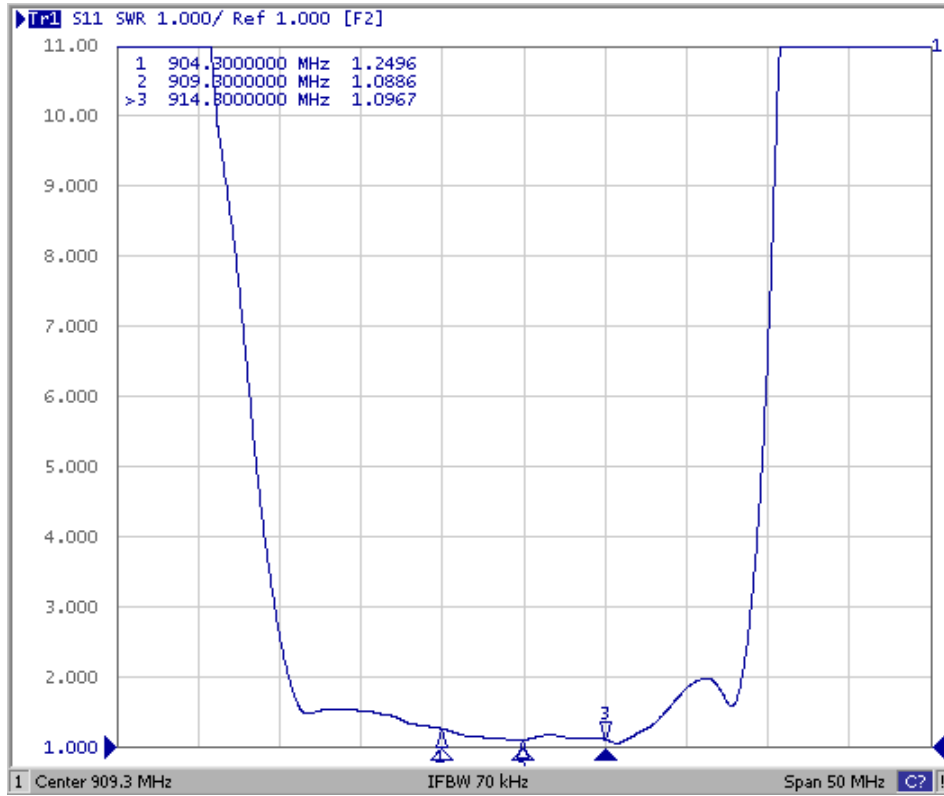


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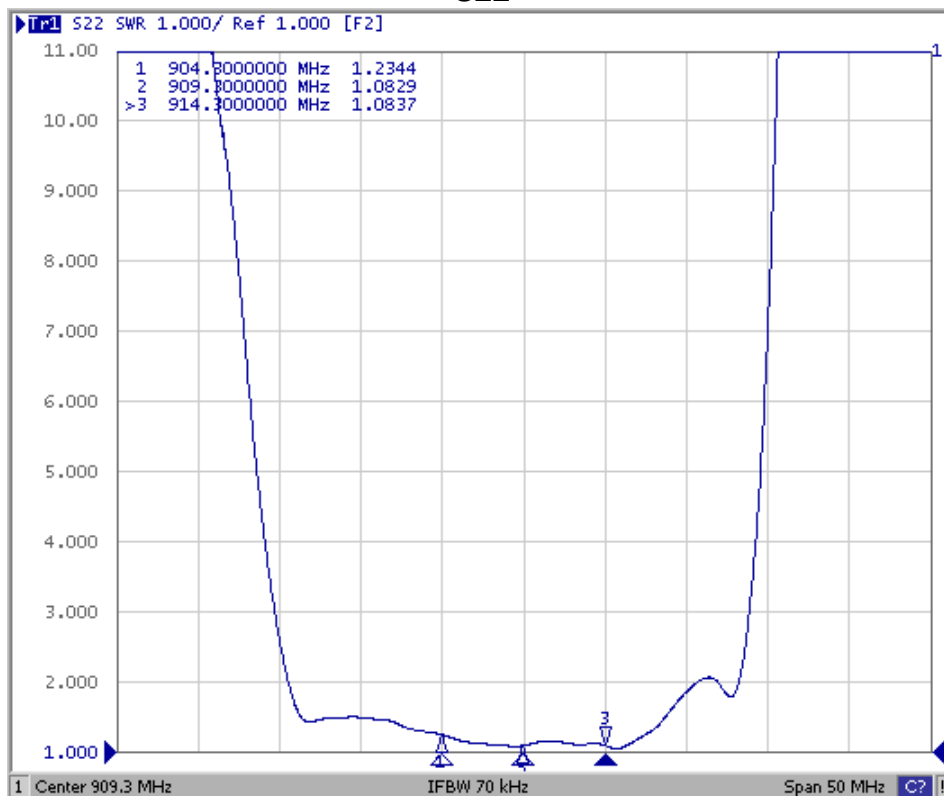
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Reflection Functions

S11



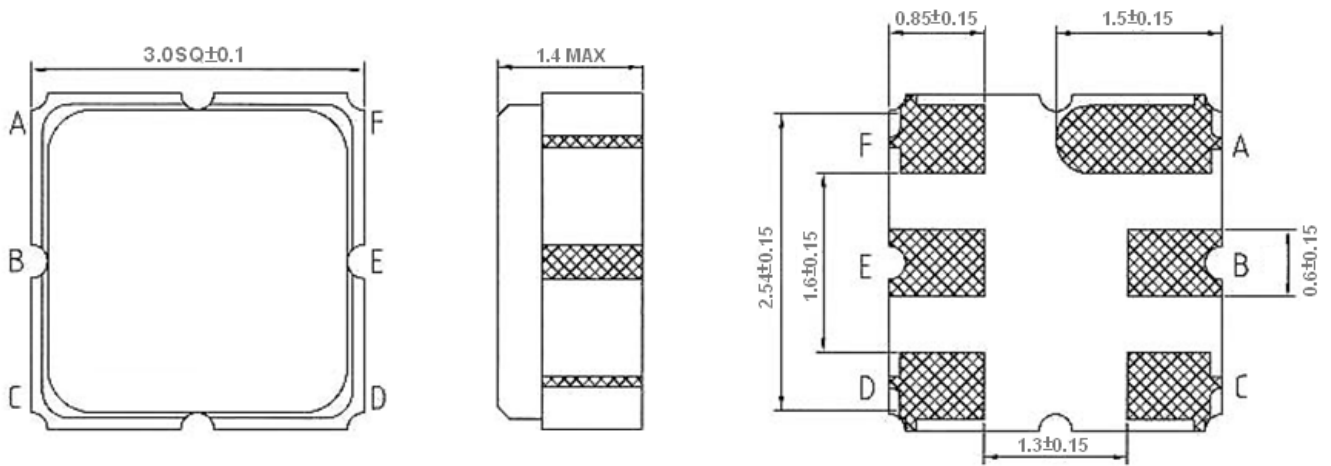
S22



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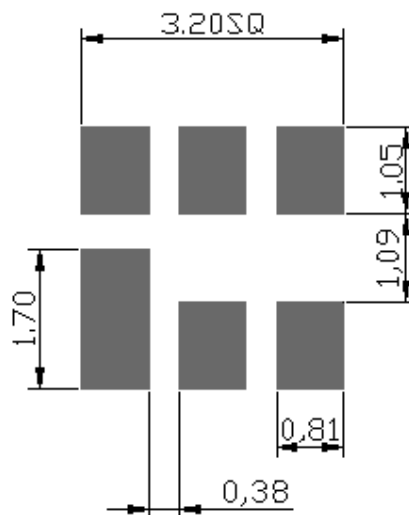
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E. OUTLINE DRAWING:



B: Input
E: Output
A, C, D, F: Ground
Unit: mm

F. PCB FOOTPRINT:



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H. RECOMMENDED REFLOW PROFILE:

