

SAW Filter 978.0MHz
Part No: MP04879

Model: TA0689B
Rev No: 2

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 20dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

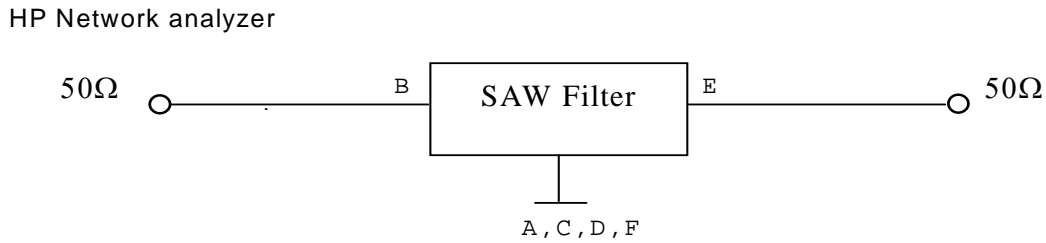
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	978	-
Insertion Loss (975.5 ~ 980.5MHz) IL	dB	-	3.2	3.5
Amplitude Ripple (975.5 ~ 980.5MHz)	dB	-	0.5	1.2
VSWR (975.5 ~ 980.5MHz)		-	2.0	2.4
Attenuation (Reference level from 0dB)				
DC ~ 950MHz	dB	40	55	-
987.5MHz (at 25°C only)	dB	12	16	-
1000 ~ 1020MHz	dB	30	40	-
1020 ~ 1500MHz	dB	40	54	-
1500 ~ 2000MHz	dB	30	44	-
Temperature coefficient of frequency	ppm/k	-	-36	-

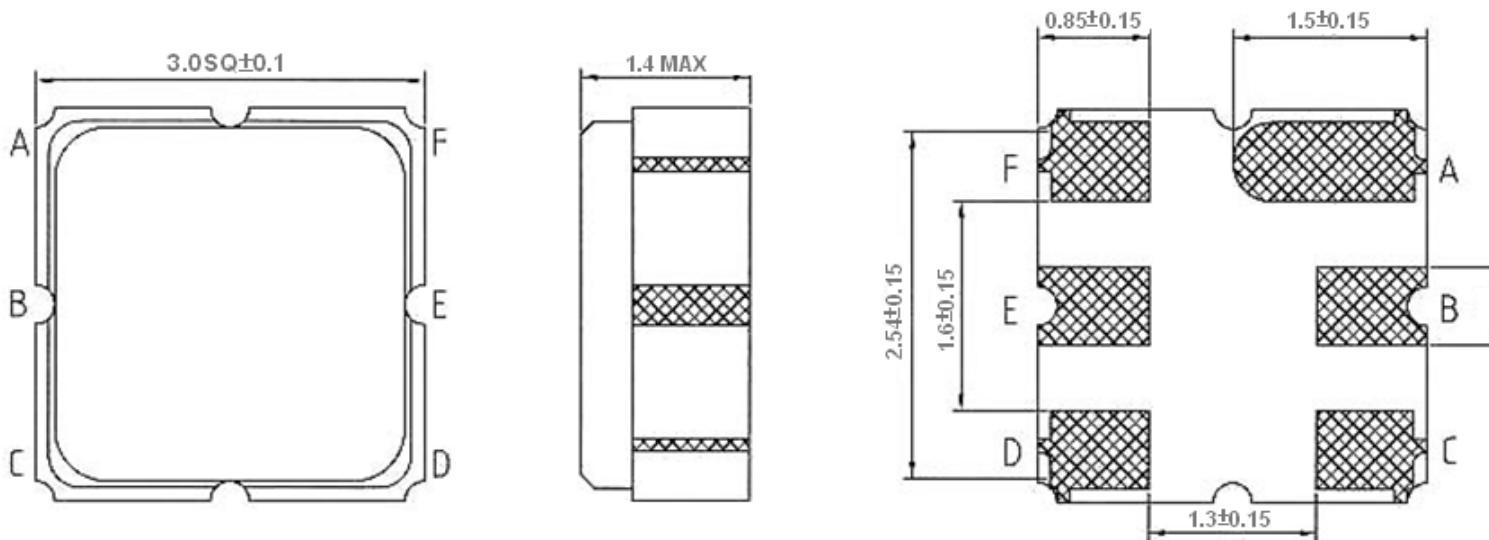
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C. MEASUREMENT CIRCUIT:

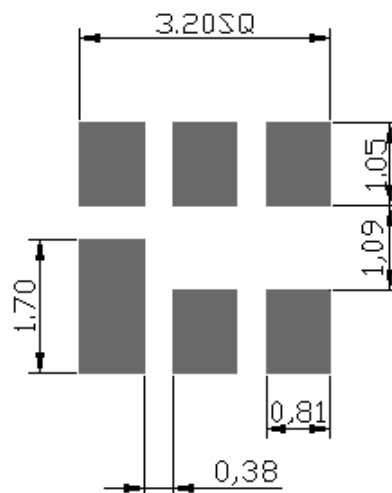


D. OUTLINE DRAWING:



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

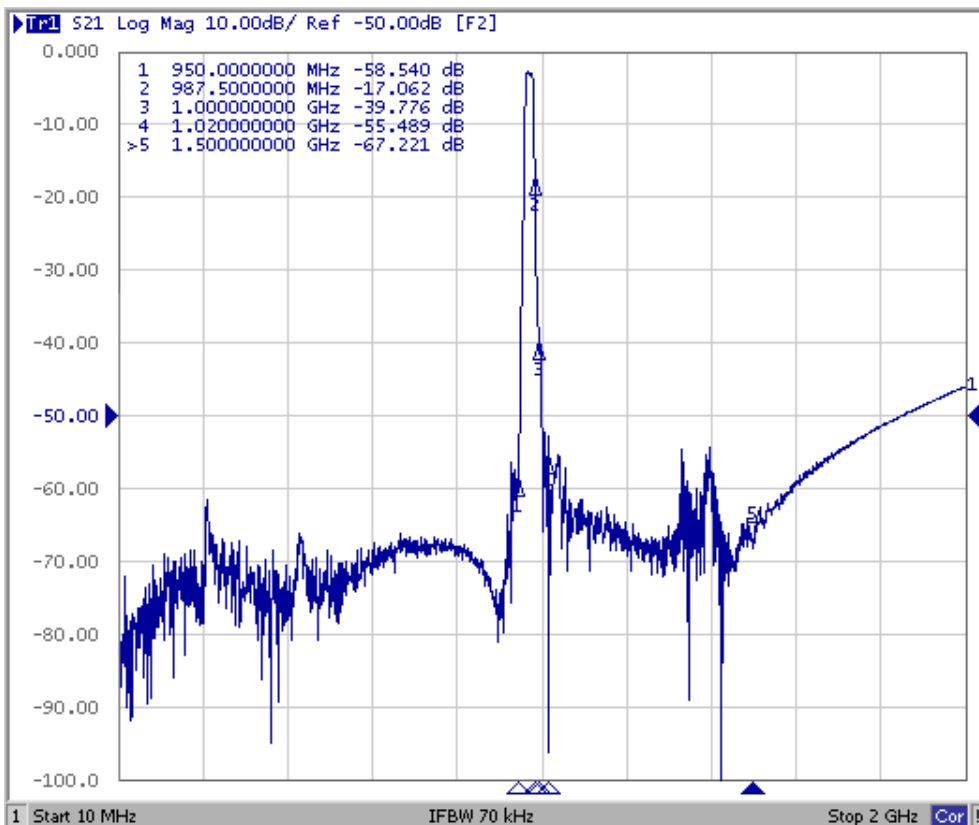
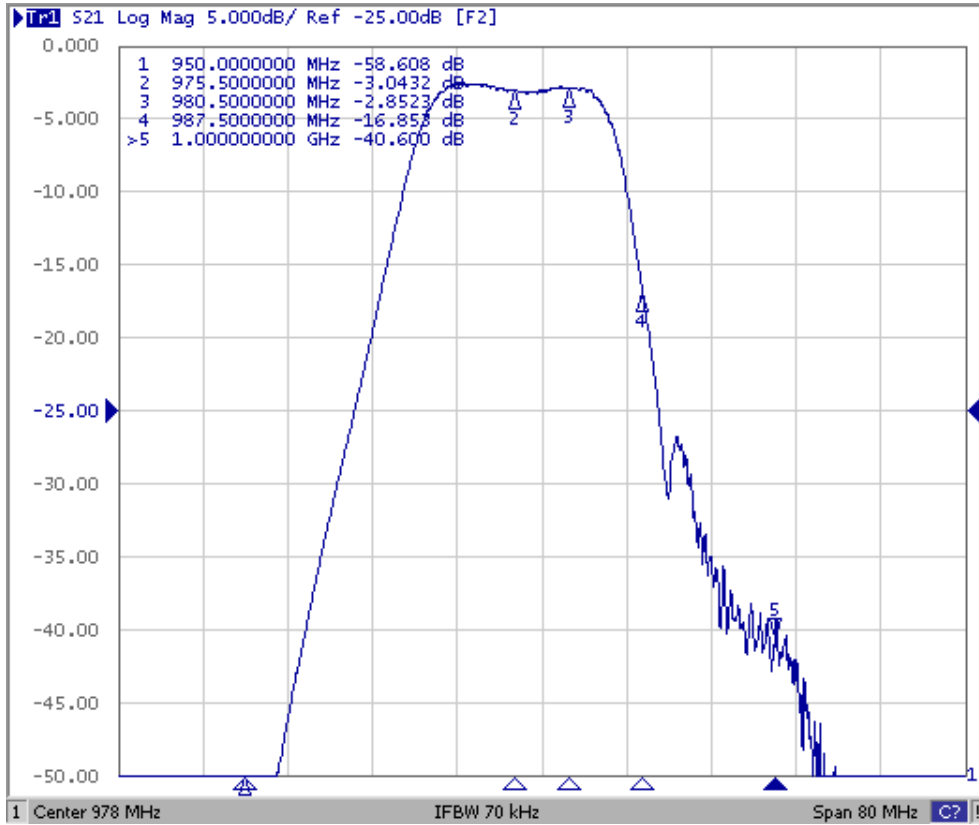
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

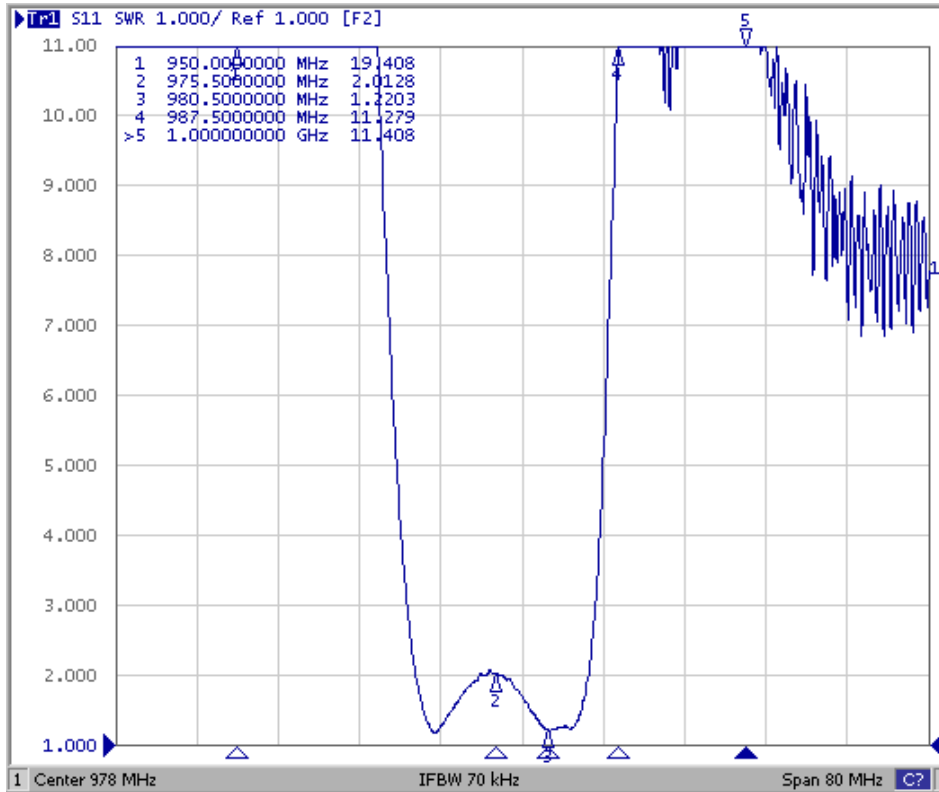


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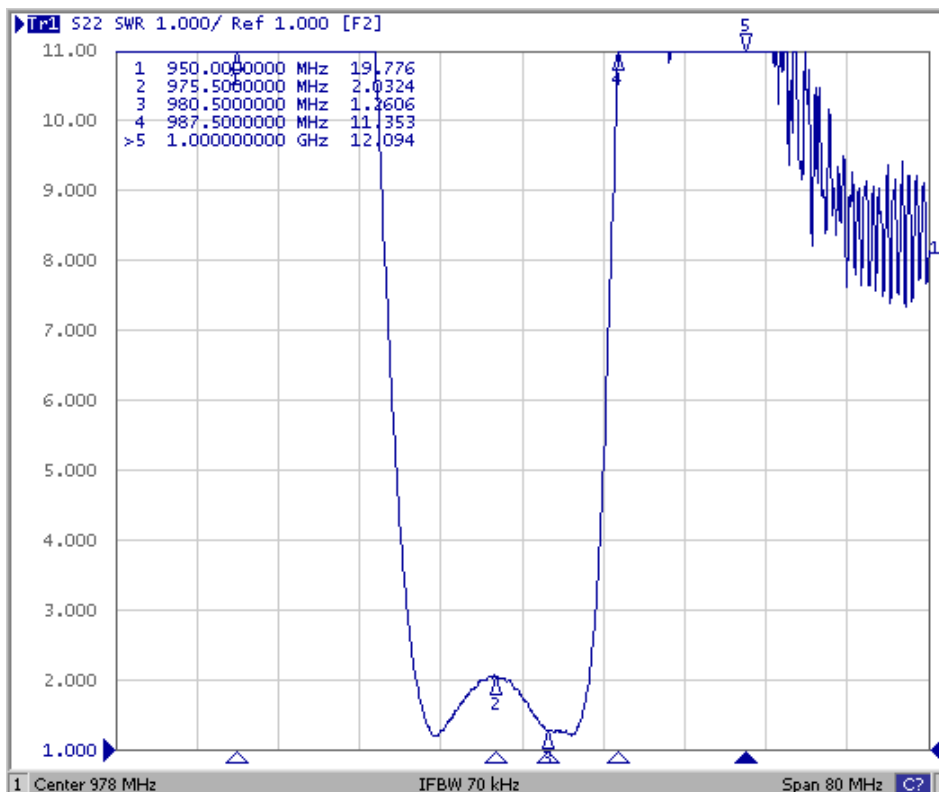
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Reflection Functions

S11



S22



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H. RECOMMENDED REFLOW PROFILE:

