

SAW Filter 418.0MHz
Part No: MP04518

Model: TA1463A
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

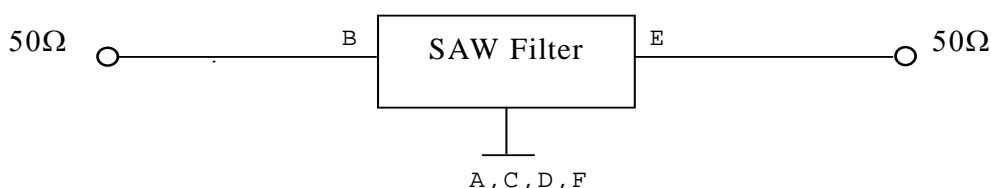
1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	418	-
Insertion Loss (416 ~ 420MHz) IL	dB	-	1.7	3.5
Amplitude Ripple (416 ~ 420MHz)	dB	-	0.2	1.8
VSWR (416 ~ 420MHz)	-	-	1.3	2.4
Attenuation (Reference level from 0dB)				
10 ~ 390MHz	dB	55	67	-
390 ~ 405MHz	dB	45	55	-
435 ~ 445MHz	dB	30	40	-
445 ~ 800MHz	dB	50	56	-
800 ~ 1000MHz	dB	45	53	-
Temperature coefficient of frequency TCf	ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:

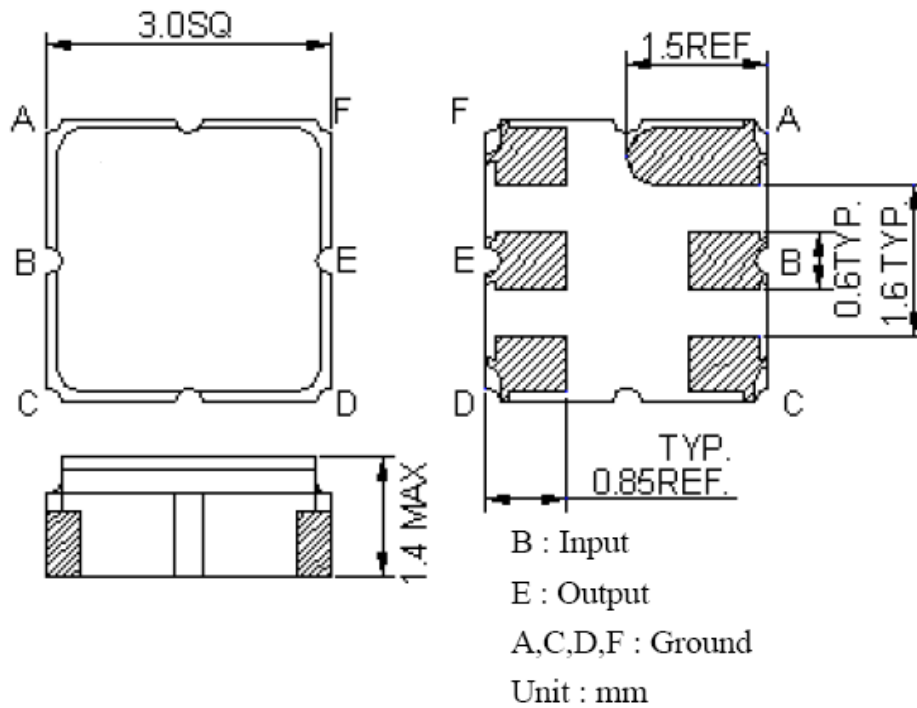
HP Network analyzer



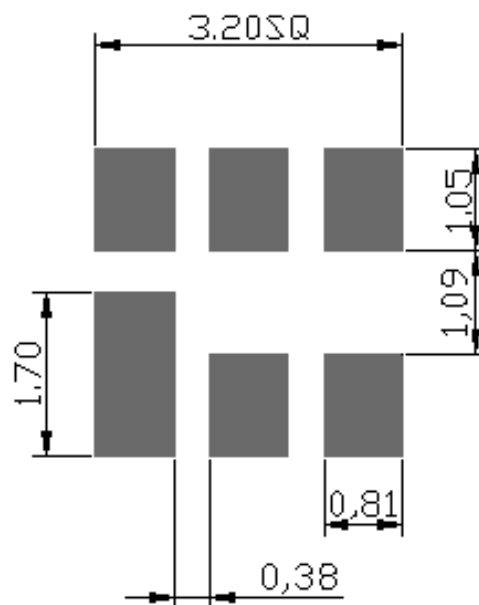
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D. OUTLINE DRAWING:



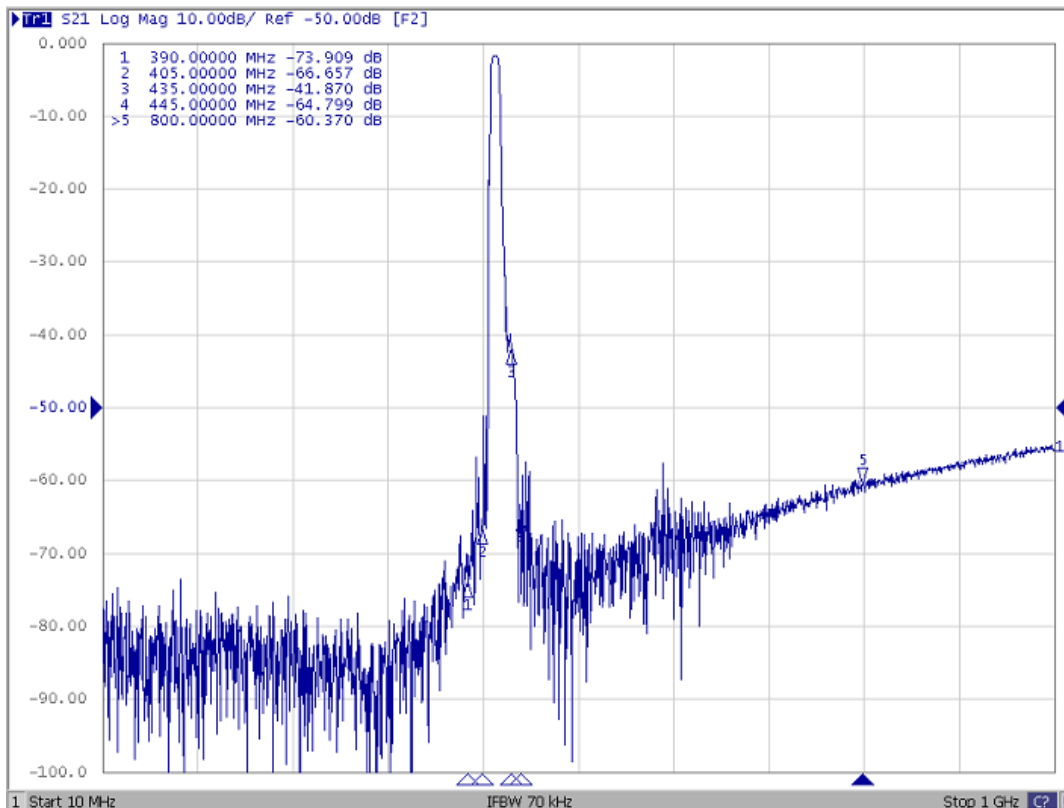
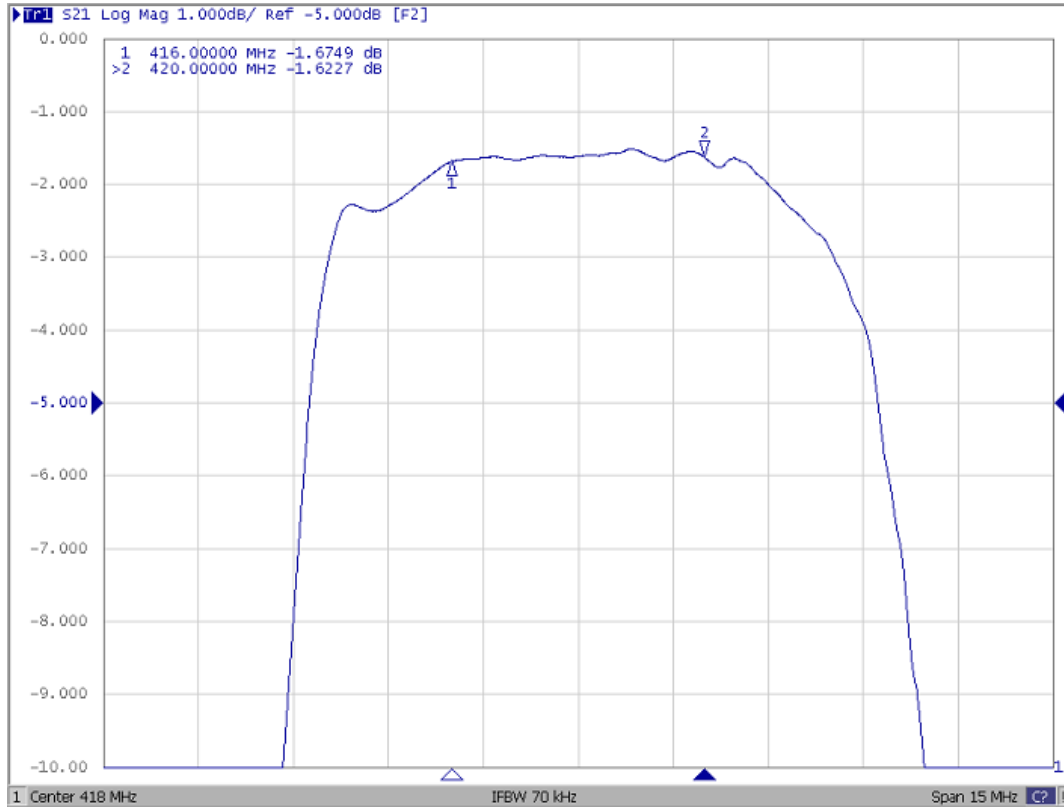
E. PCB FOOTPRINT:



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F. FREQUENCY CHARACTERISTICS:

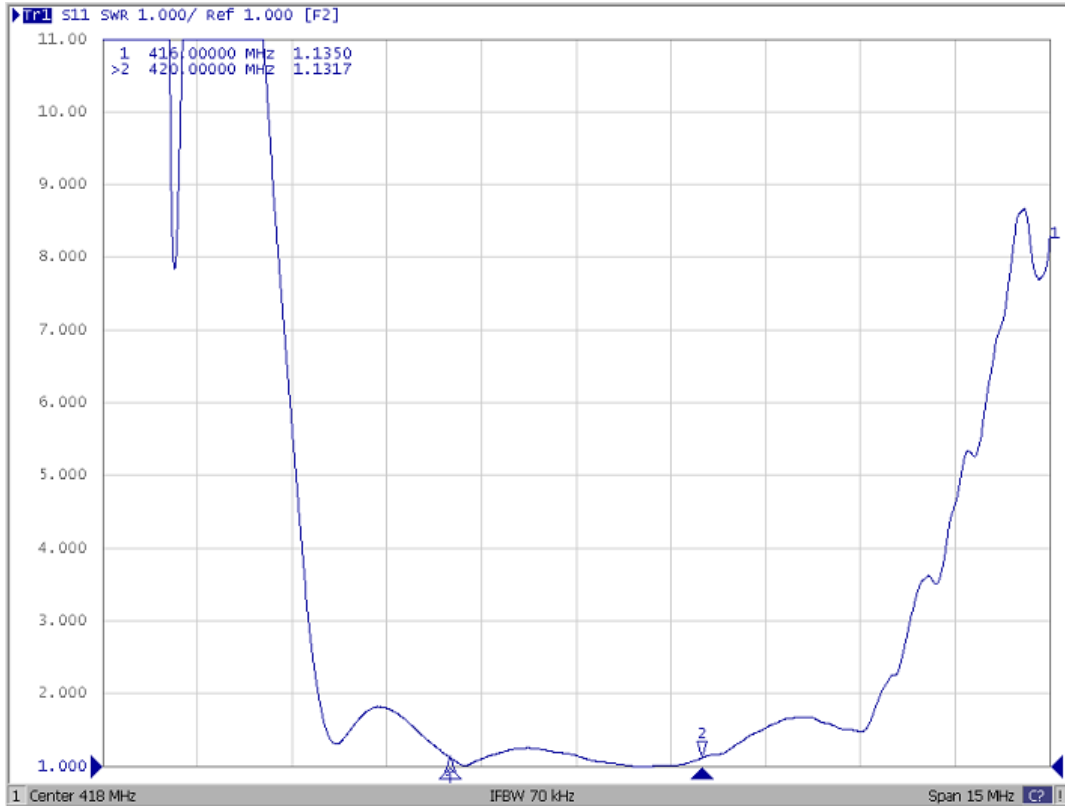


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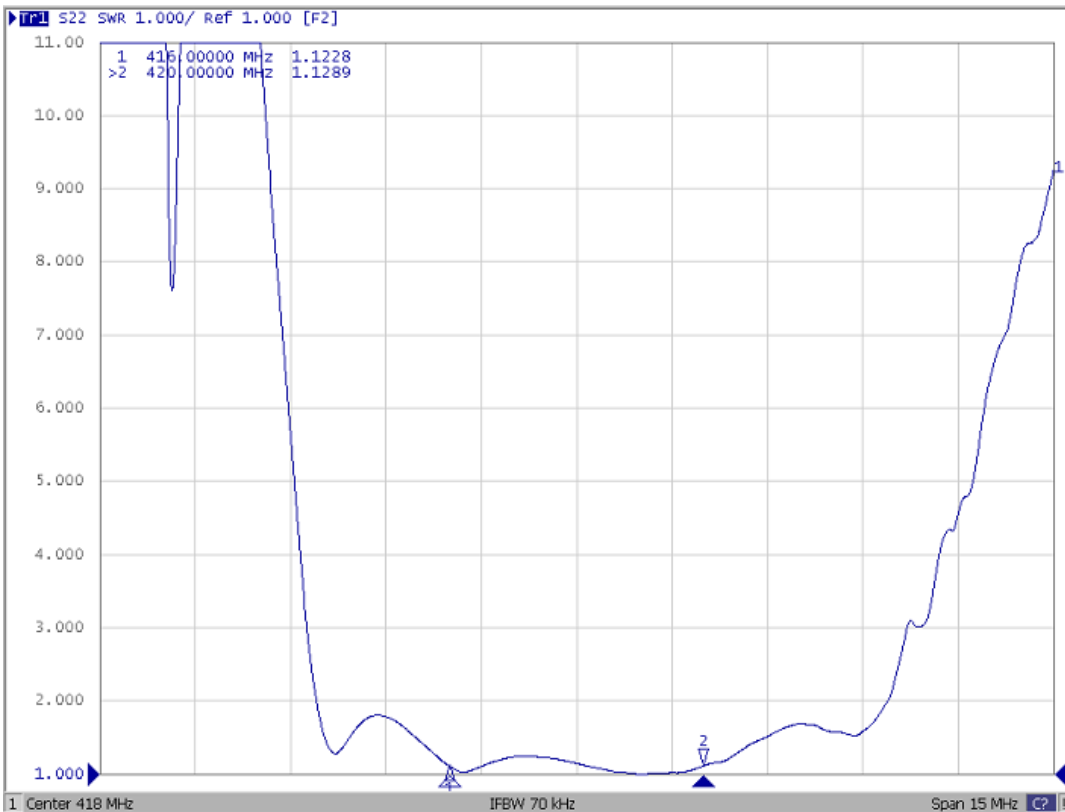
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Reflection Functions

S11



S22



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H. RECOMMENDED REFLOW PROFILE:

