

SAW Filter 2017.50MHz

Model: TA0946A

Part No: MP02459

REV NO.: 1

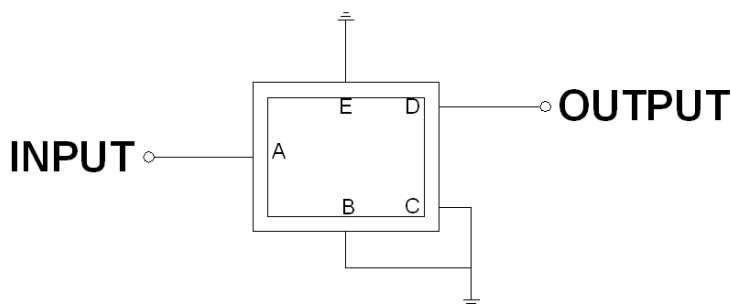
A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC voltage: 5 V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Parameters Description	Unit	Min	Typ	Max
Center Frequency (Fo)	MHz	-	2017.5	-
Insertion Loss within 2010.0~2025.0 MHz	dB	-	1.8	2.5
Amplitude Ripple within 2010.0~2025.0	dB _{p-p}	-	0.6	1.5
Attenuation:				
D.C. ~ 1820.0 MHz	dB	25	33	-
1820.0 ~ 1850.0 MHz	dB	28	35	-
1850.0 ~ 1950.0 MHz	dB	25	33	-
2085.0 ~ 2400.0 MHz	dB	25	38	-
2400.0 ~ 2430.0 MHz	dB	25	38	-
2430.0 ~ 3000.0 MHz	dB	25	38	-
3000.0 ~ 4010.0 MHz	dB	28	33	-
4010.0 ~ 6000.0 MHz	dB	15	26	-
VSWR within 2010.0~2025.0 MHz	-	-	1.3	2.0

C. MEASUREMENT CIRCUIT:

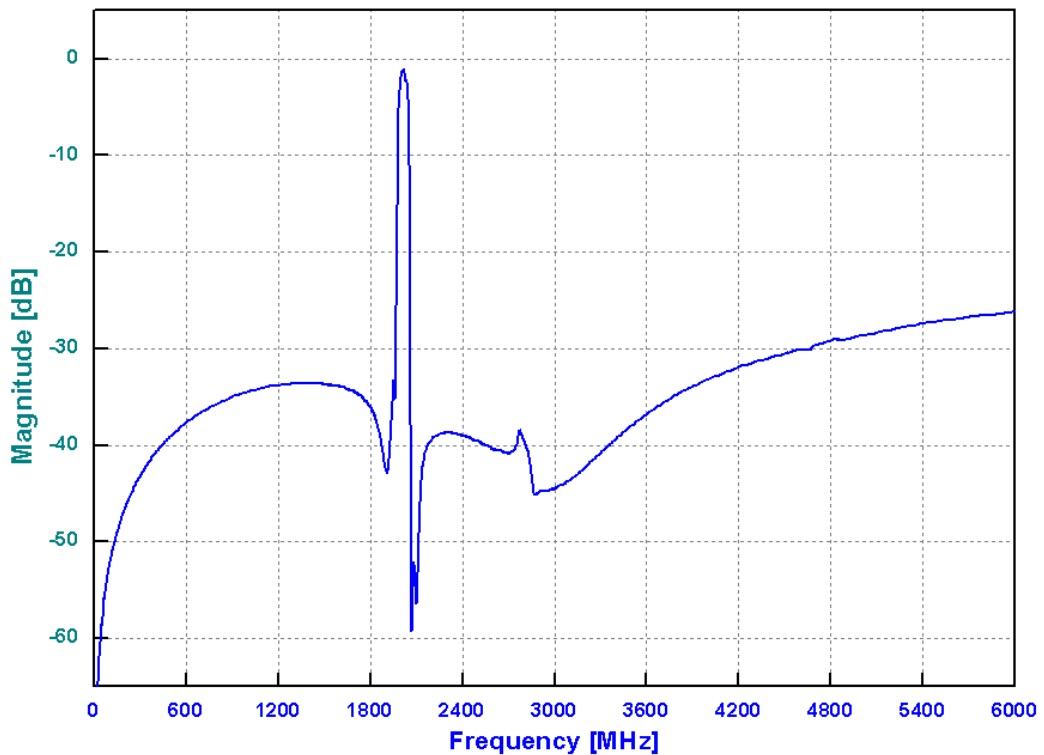
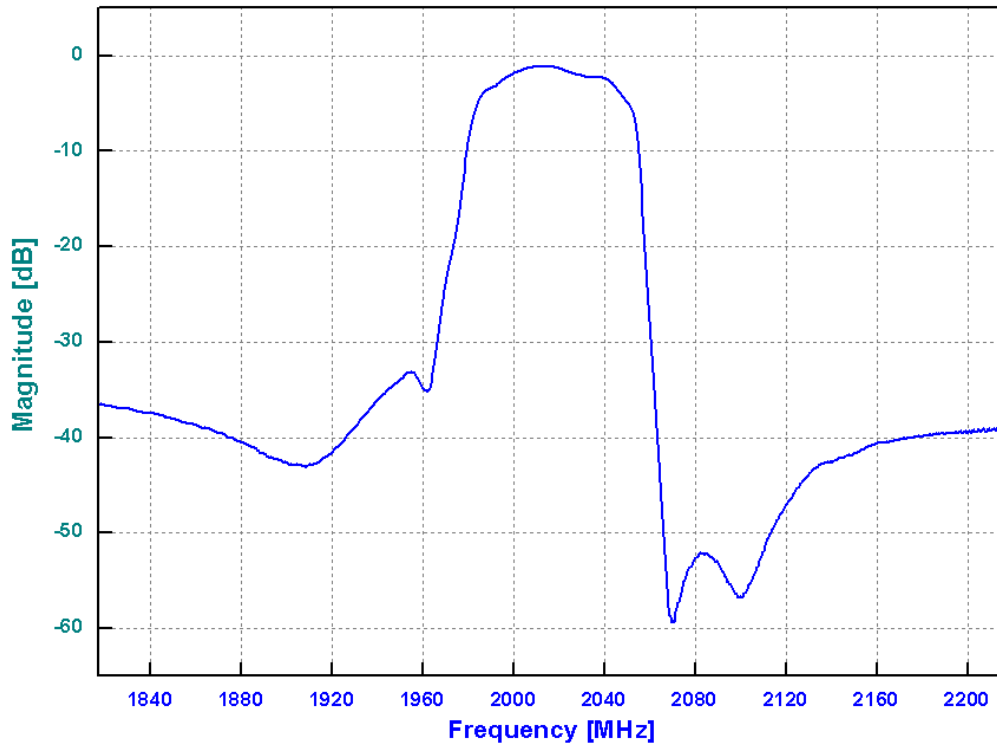


Source & Load Impedance: 50 Ω

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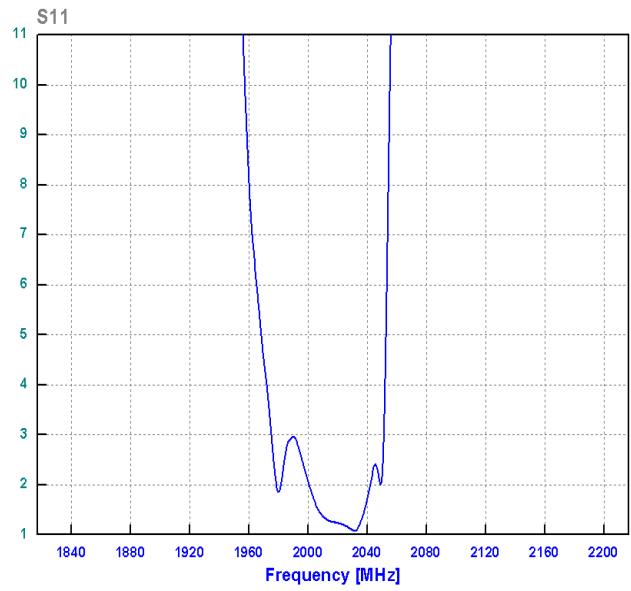
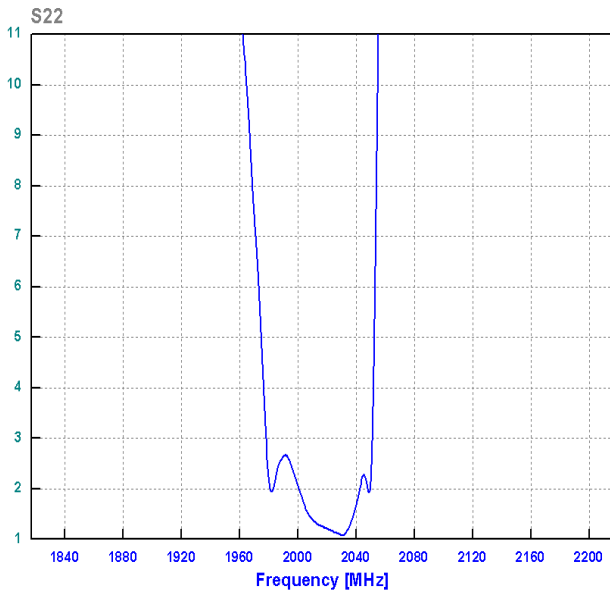
D.FREQUENCY CHARACTERISTICS:



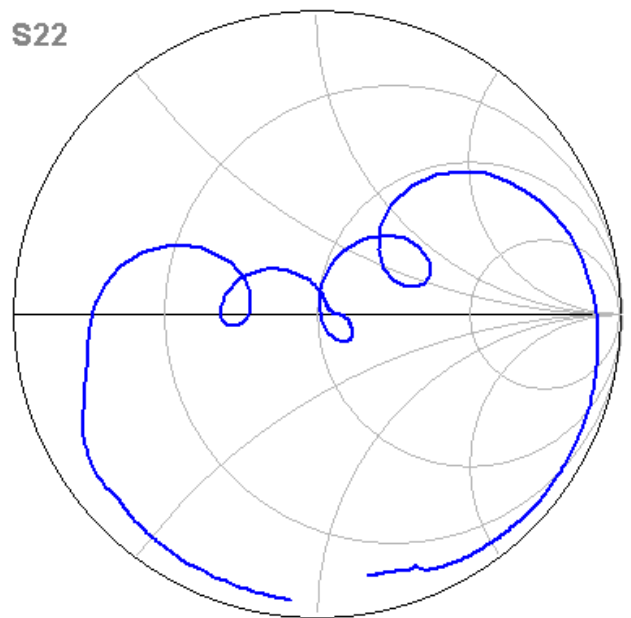
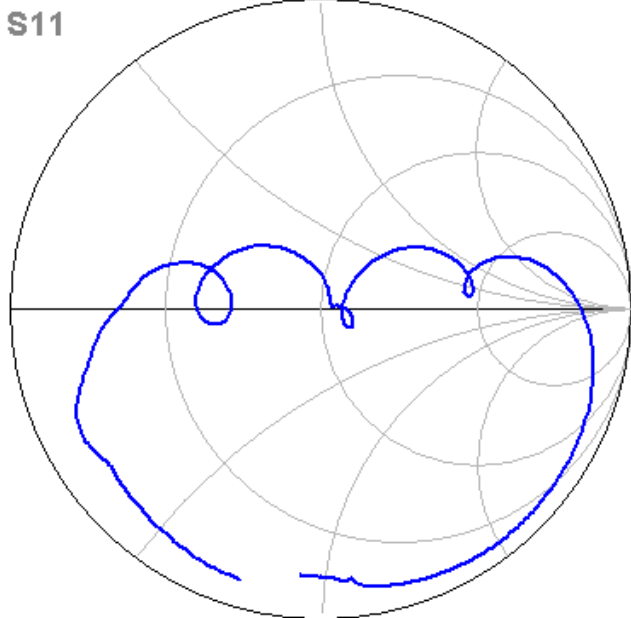
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VSWR



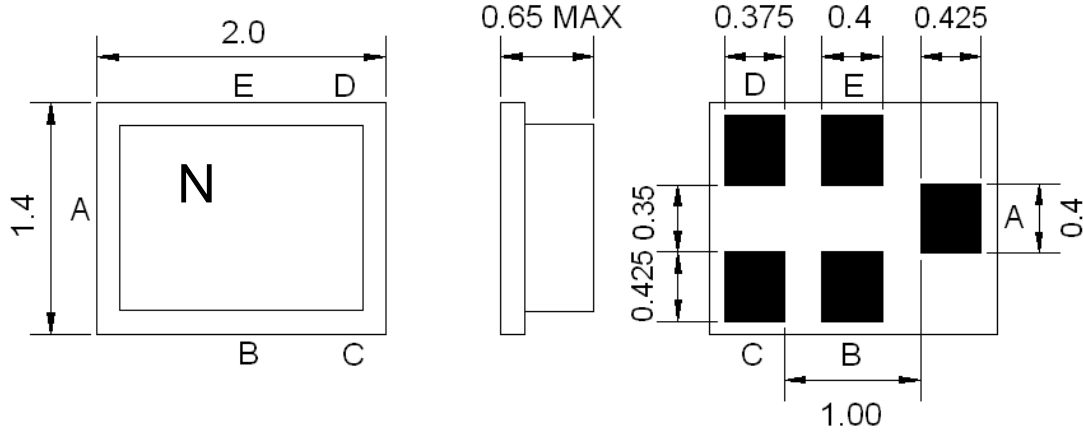
Smith Chart



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E. OUTLINE DRAWING:



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