

SAW Filter 1284.0MHz

Model: TA1443A

Part No: MP04634

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: -50°C to +125°C

B. CHARACTERISTICS:

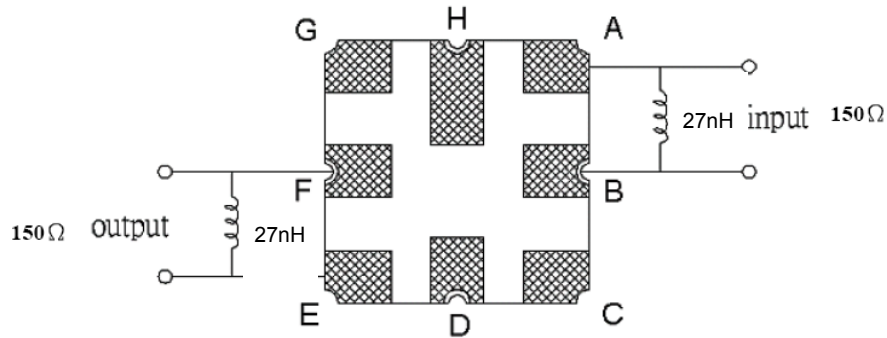
1. Terminating source impedance (differential): $Z_S = 150\Omega // 27nH$
2. Terminating load impedance (differential): $Z_L = 150\Omega // 27nH$

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	1284	-
Insertion loss (1264 ~ 1304MHz) IL	dB	-	3	5
Amplitude ripple (1264 ~ 1304MHz)	dB	-	1	2
VSWR (1264 ~ 1304MHz)	-	-	1.7	2.5
Group delay ripple (1264 ~ 1304MHz)	ns	-	12	25
Attenuation (reference from 0dB)				
10 ~ 860MHz	dB	55	59	-
860 ~ 1165MHz	dB	46	56	-
1165 ~ 1192.3MHz	dB	40	62	-
1376 ~ 1492.2MHz	dB	33	53	-
1492.2 ~ 2000MHz	dB	40	53	-
2000 ~ 2500MHz	dB	36	56	-
2500 ~ 6000MHz	dB	15	20	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-

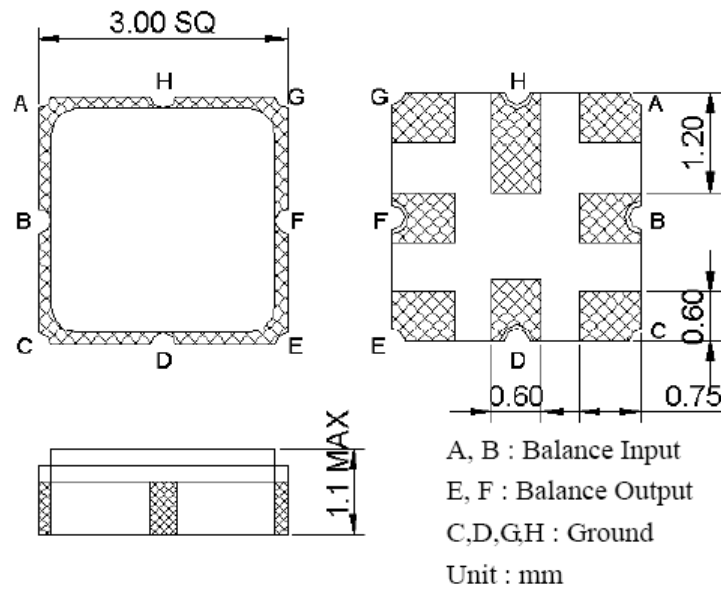
SAW Filter 1284.0MHz
Part No: MP04634

Model: TA1443A
Rev No: 1

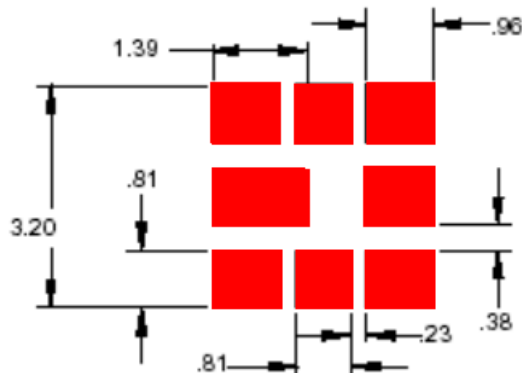
C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:



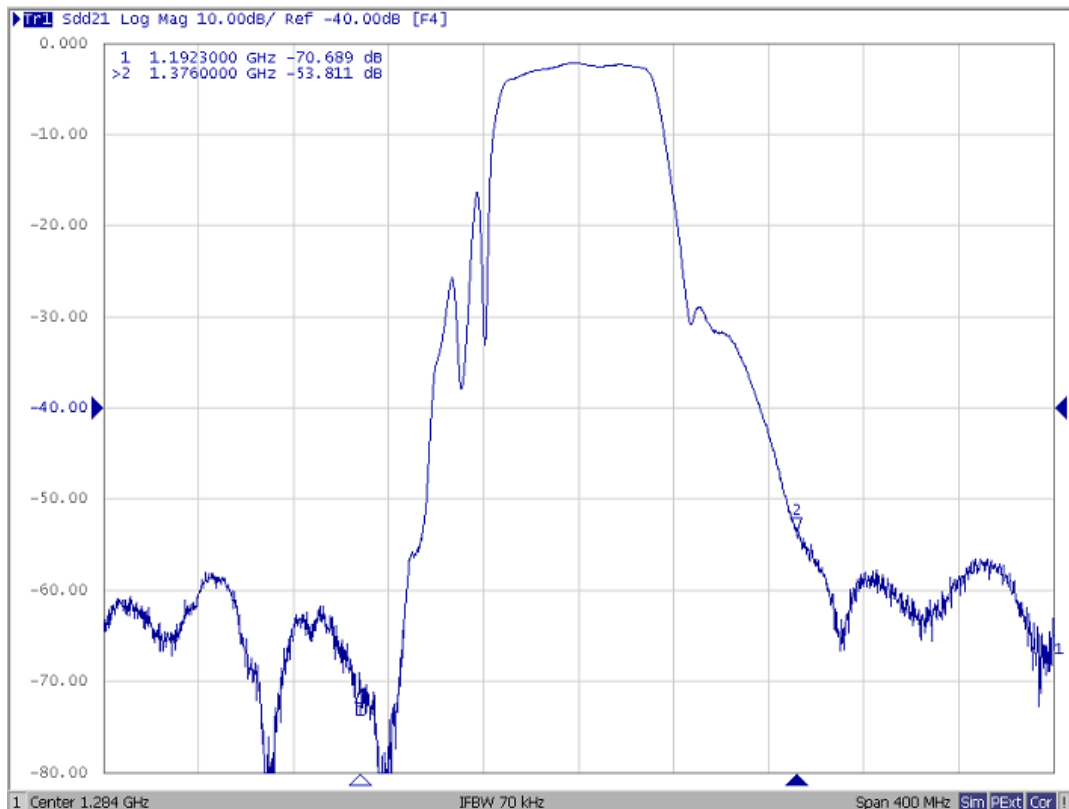
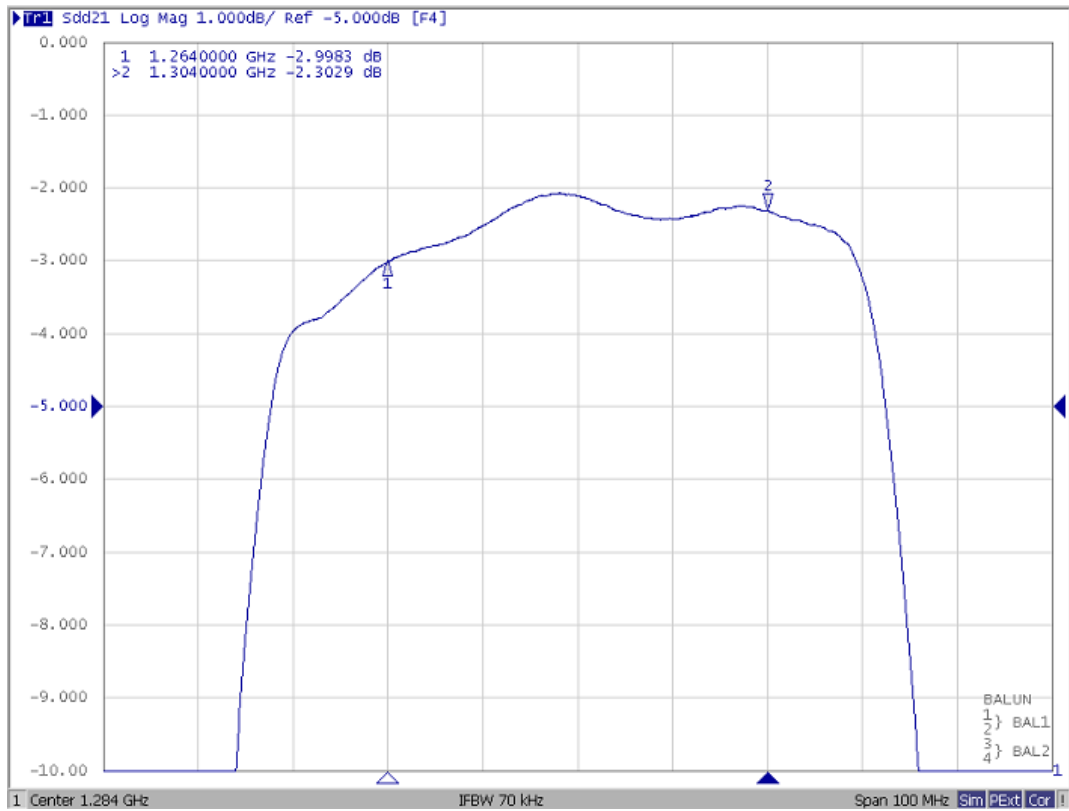
E. PCB FOOTPRINT:



SAW Filter 1284.0MHz
Part No: MP04634

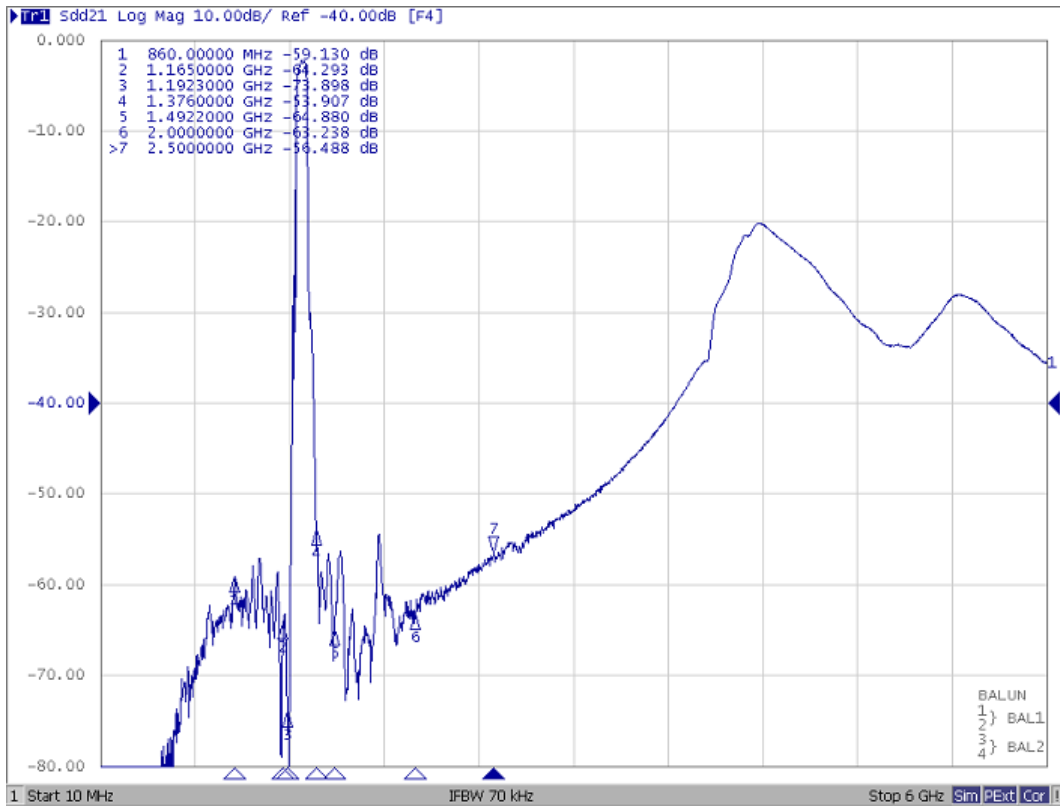
Model: TA1443A
Rev No: 1

F. FREQUENCY CHARACTERISTICS:



SAW Filter 1284.0MHz
Part No: MP04634

Model: TA1443A
Rev No: 1

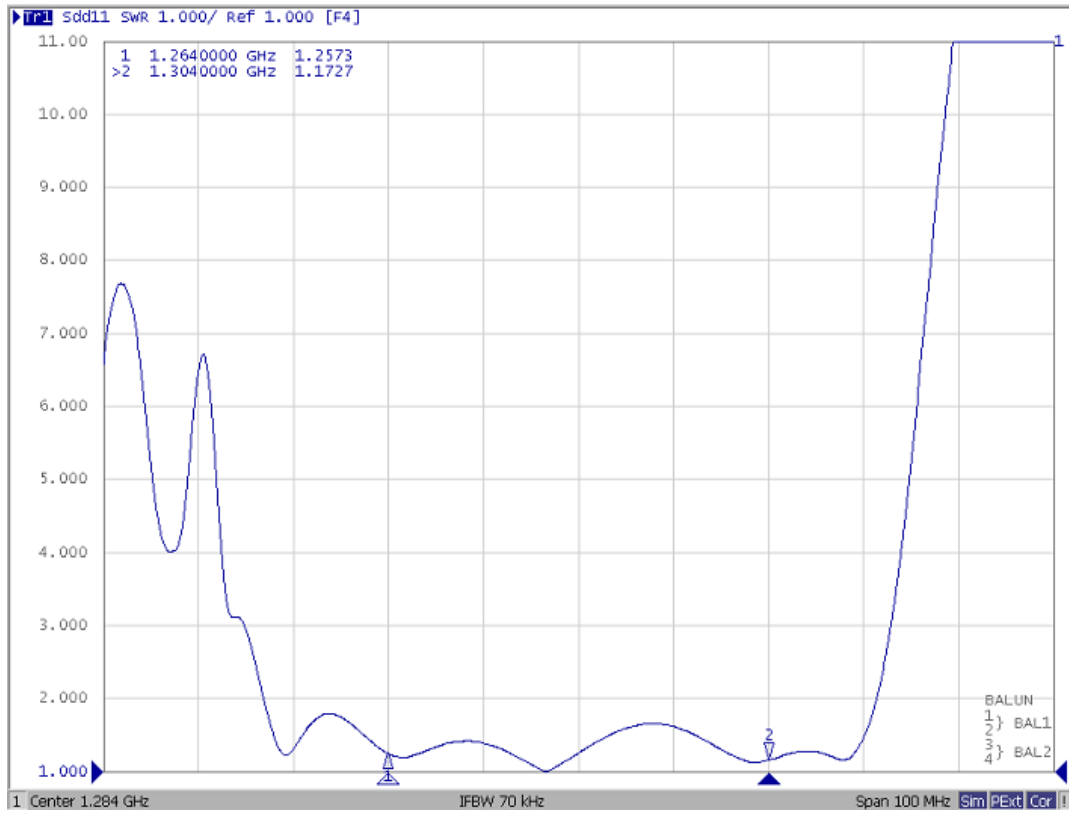


SAW Filter 1284.0MHz
Part No: MP04634

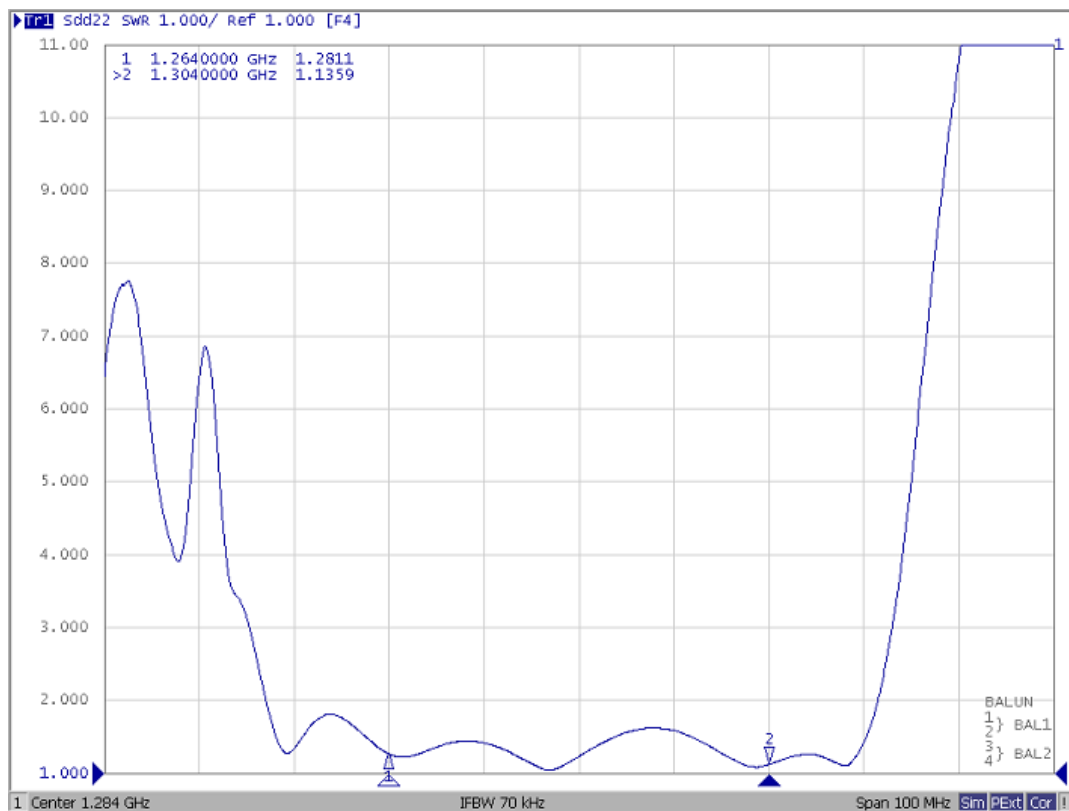
Model: TA1443A
Rev No: 1

Reflection Functions

S11



S22



SAW Filter 1284.0MHz
Part No: MP04634

Model: TA1443A
Rev No: 1

H. RECOMMENDED REFLOW PROFILE:

