

SAW Filter 1575.42MHz
Part No: MP03232

Model: TA1035A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -50°C to +95°C

B. ELECTRICAL CHARACTERISTICS:

Terminating source impedance (differential): $Z_S = 200\Omega // 18nH$

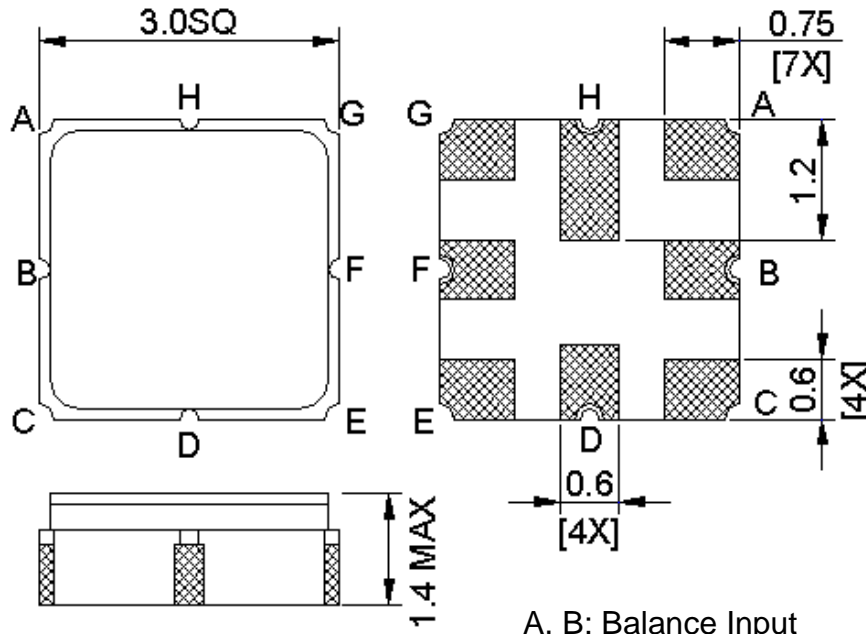
Terminating load impedance (differential): $Z_L = 200\Omega // 18nH$

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency F_c	MHz	-	1575.42	-	-
Bandwidth at -3dB	MHz	-	60	-	-
Insertion Loss in 1565.42 ~ 1585.42MHz	dB	-	3	4	-
Amplitude ripple (1565.42 ~ 1585.42MHz)	dB	-	0.8	2	-
Group delay variation (1565.42 ~ 1585.42MHz)	ns	-	8	15	-
I/O Return Loss (1565.42 ~ 1585.42MHz)	dB	8	9.5	-	-
Attenuation (reference level from 0dB)					
10 ~ 1480MHz	dB	45	49	-	-
1710 ~ 2400MHz	dB	43	50	-	-

SAW Filter 1575.42MHz
Part No: MP03232

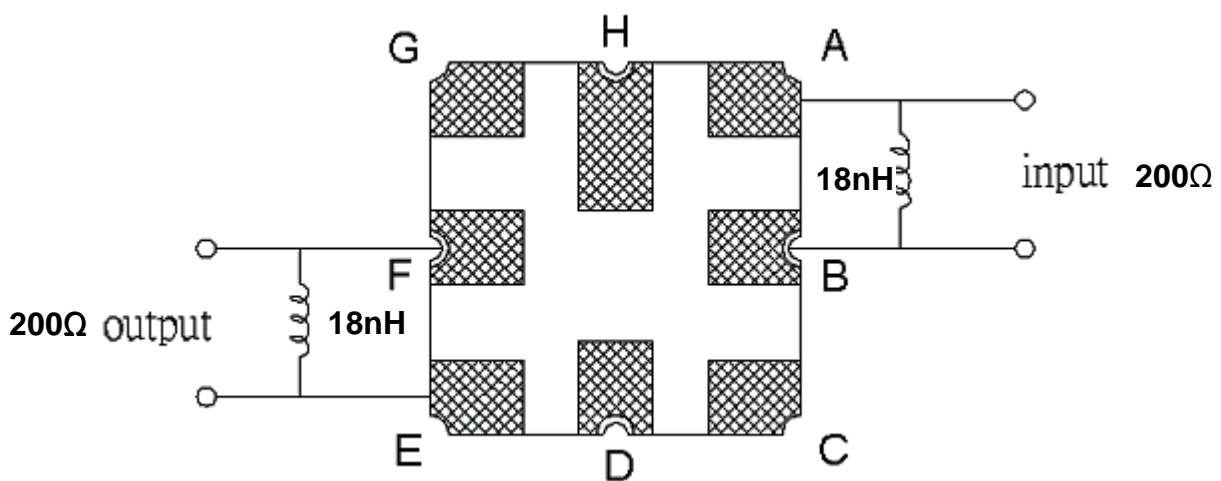
Model: TA1035A
Rev No: 1

C. OUTLINE DRAWING:



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

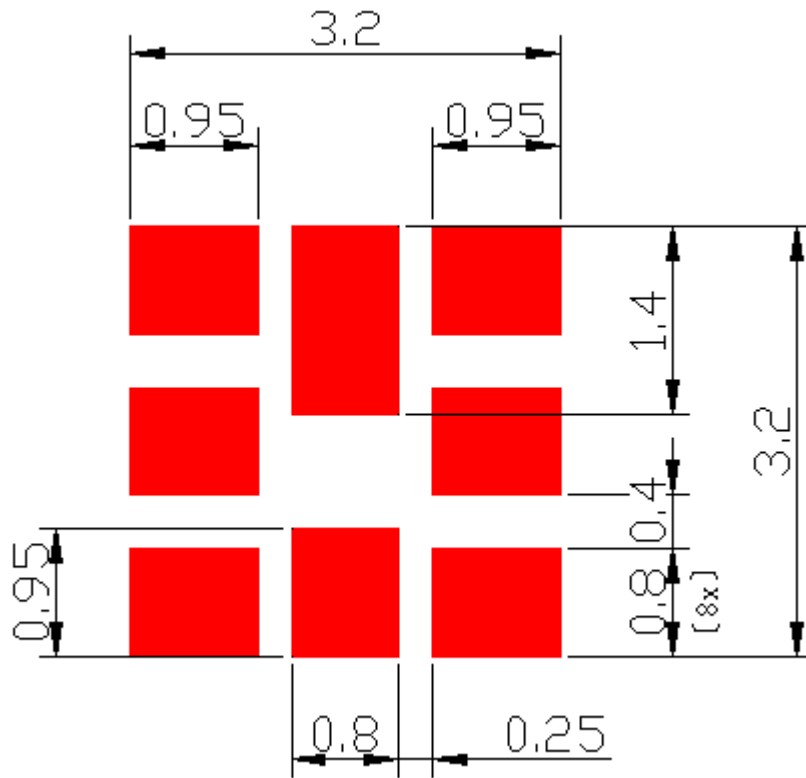
D. MEASUREMENT CIRCUIT:



SAW Filter 1575.42MHz
Part No: MP03232

Model: TA1035A
Rev No: 1

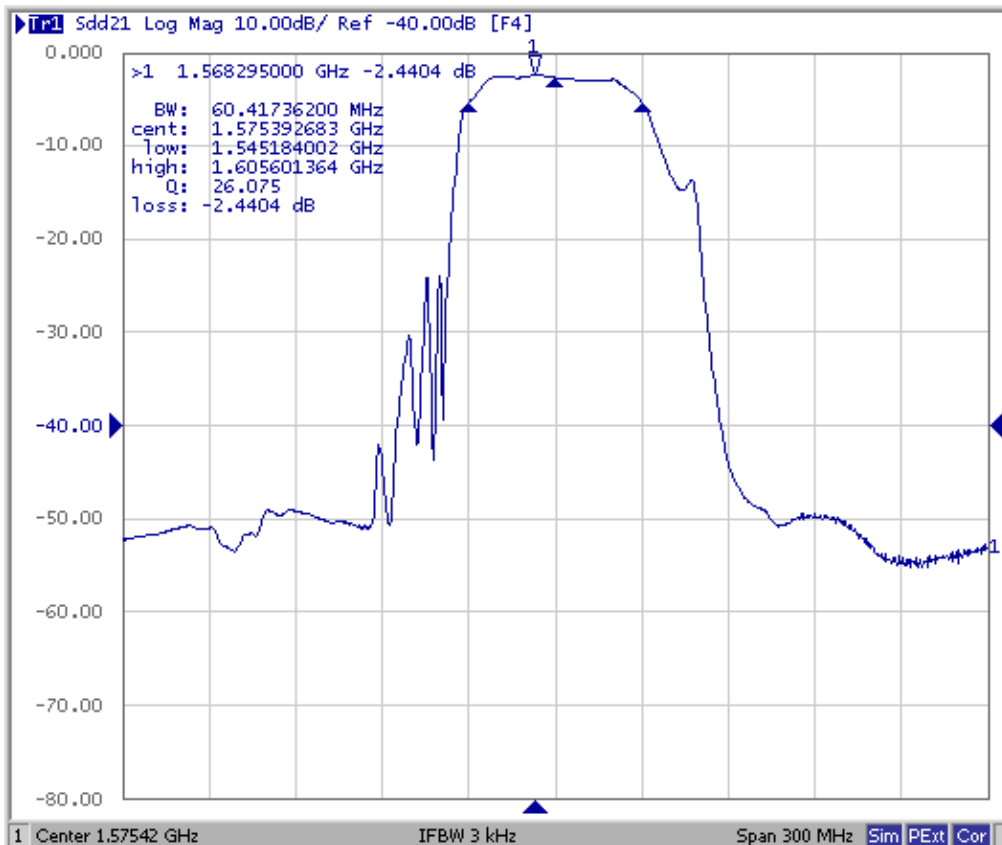
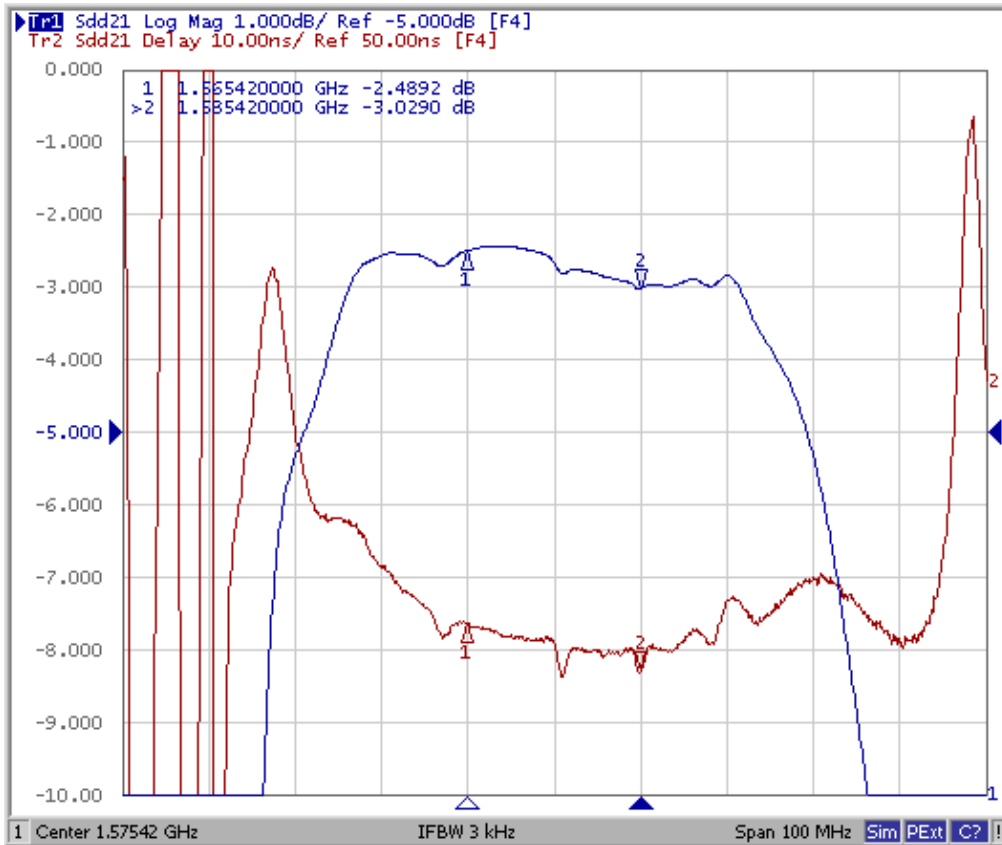
E. PCB FOOTPRINT:



SAW Filter 1575.42MHz
Part No: MP03232

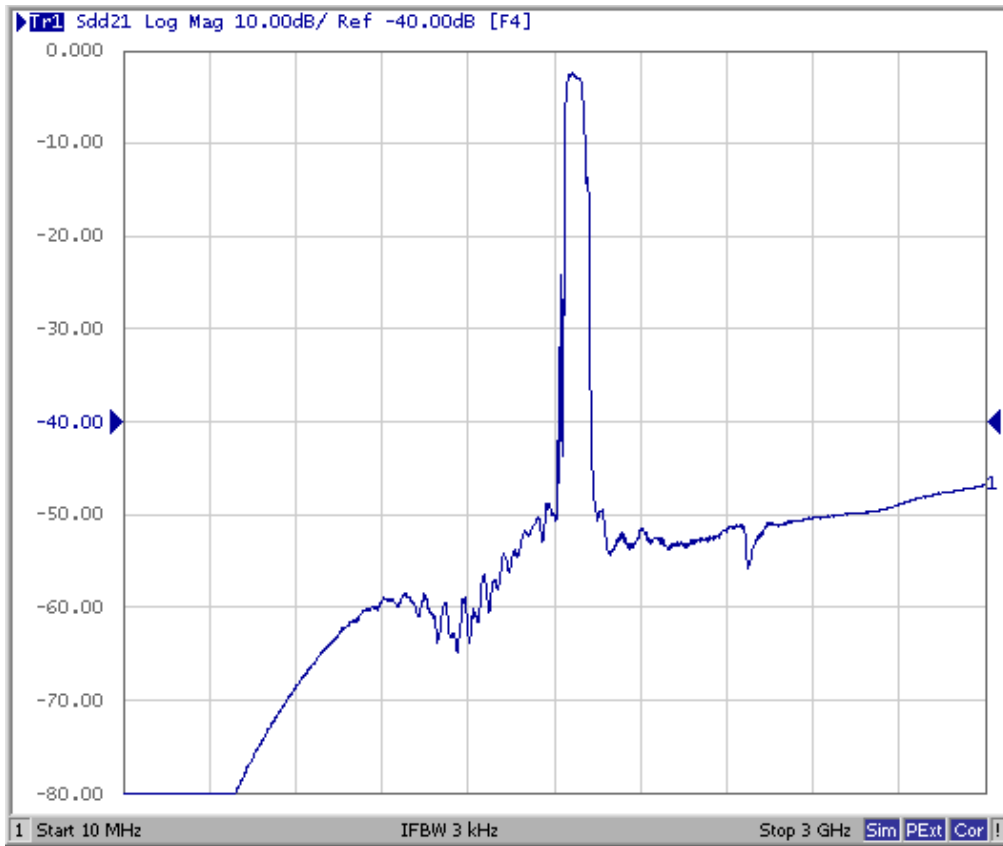
Model: TA1035A
Rev No: 1

F. FREQUENCY CHARACTERISTICS:



SAW Filter 1575.42MHz
Part No: MP03232

Model: TA1035A
Rev No: 1

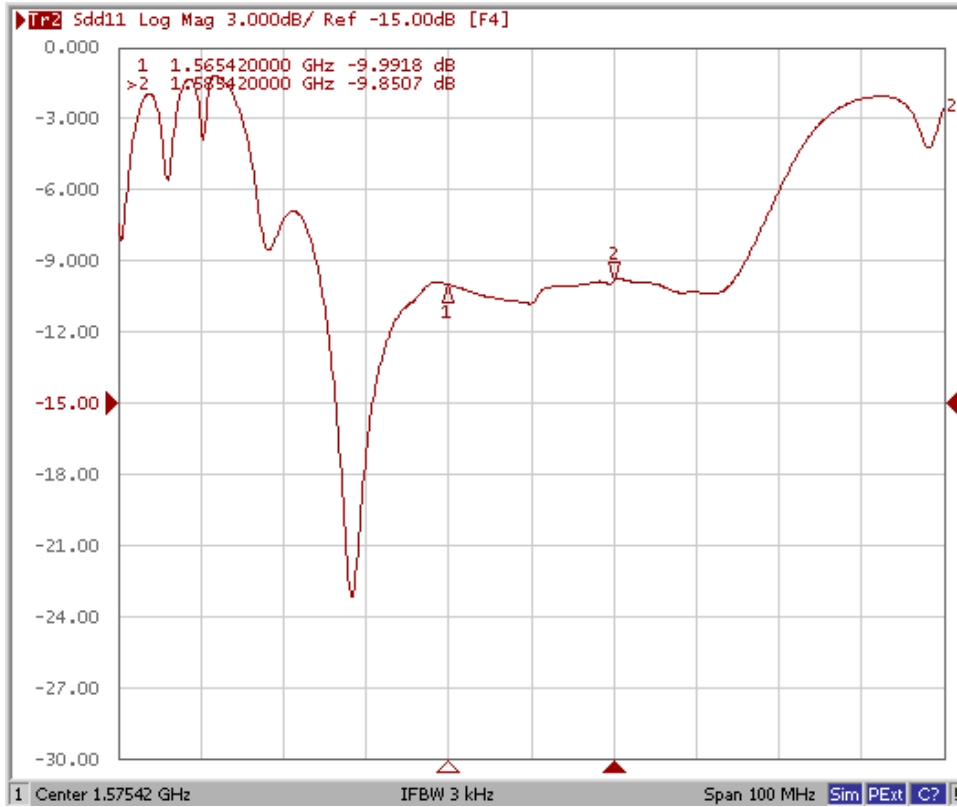


SAW Filter 1575.42MHz
Part No: MP03232

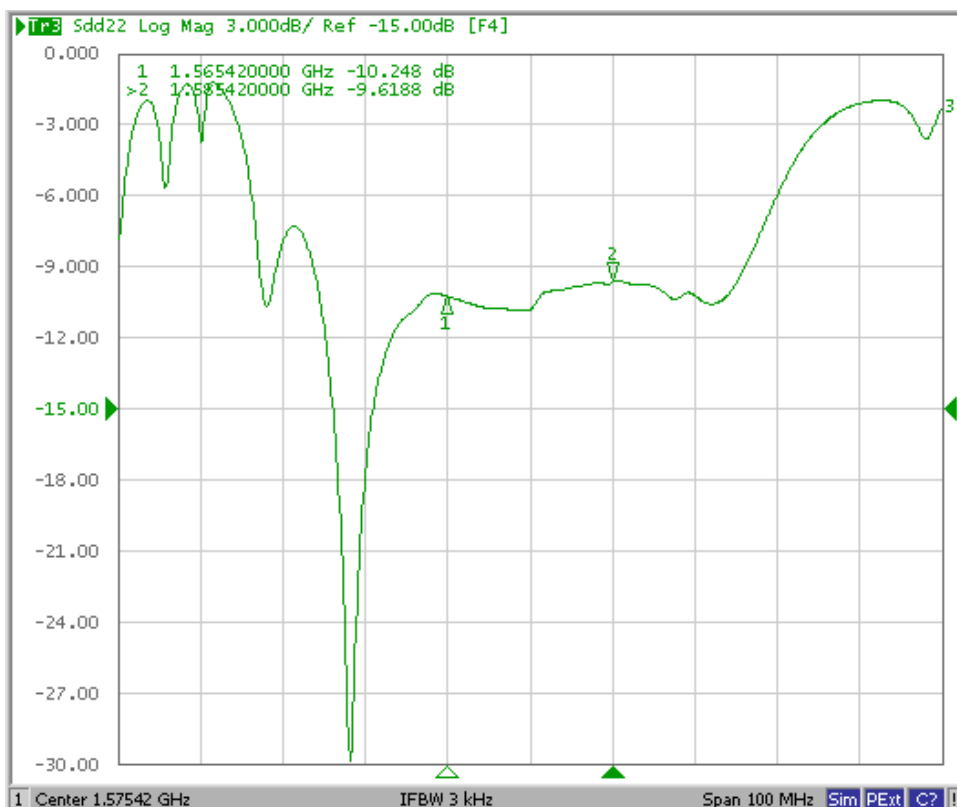
Model: TA1035A
Rev No: 1

Reflection Functions

S11



S22



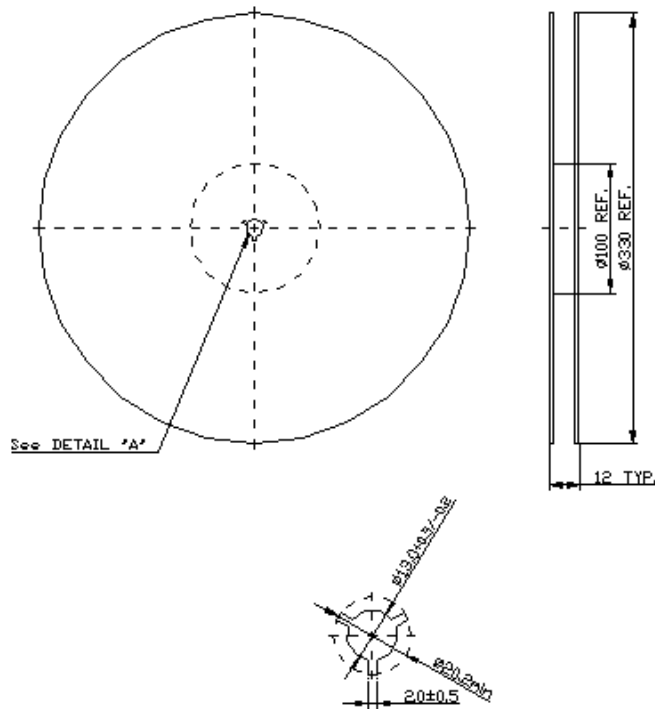
SAW Filter 1575.42MHz
Part No: MP03232

Model: TA1035A
Rev No: 1

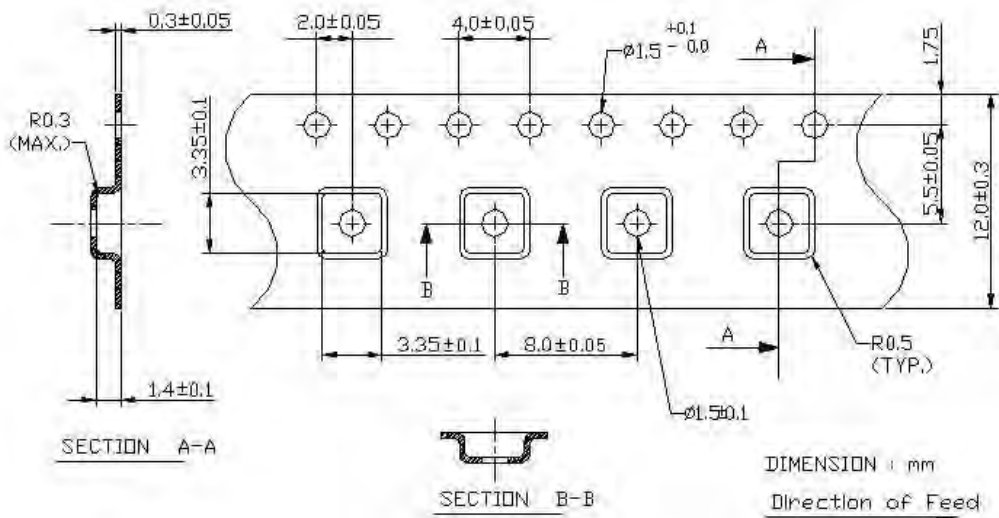
G. PACKING:

1. REEL DIMENSION

(Reel Count: 7" = 1000; 13" = 3000)



2. TAPE DIMENSION



SAW Filter 1575.42MHz
Part No: MP03232

Model: TA1035A
Rev No: 1

H. RECOMMENDED REFLOW PROFILE:

