

SAW Filter 1542.50MHz
Part No: MP03519

Model: TA0425B
Rev No: 1

A1. MAXIMUM RATING:

1. Input Power Level: 5dBm
2. DC Voltage: 5V
3. Operating Temperature: +25°C
4. Storage Temperature: -40°C to +85°C

B1. ELECTRICAL CHARACTERISTICS:

1. Singled to Balanced operation
2. Terminating source impedance: $Z_S = 50\Omega$
3. Terminating load impedance: $Z_L = 150\Omega // 33nH$

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1542.5	-	-
Insertion Loss (1525 ~ 1560MHz) IL	dB	-	3.1	4	-
Amplitude Ripple (1525 ~ 1560MHz)	dB	-	0.4	2	-
Attenuation (Reference level from 0dB)					
DC ~ 1480MHz	dB	21	44	-	-
1630 ~ 1660MHz	dB	26	34	-	-
1660 ~ 2050MHz	dB	30	35	-	-
2050 ~ 3500MHz	dB	35	50	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

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A2. MAXIMUM RATING:

1. Input Power Level: 5dBm
2. DC Voltage: 5V
3. Operating Temperature: -40°C to +75°C
4. Storage Temperature: -40°C to +85°C

B2. ELECTRICAL CHARACTERISTICS:

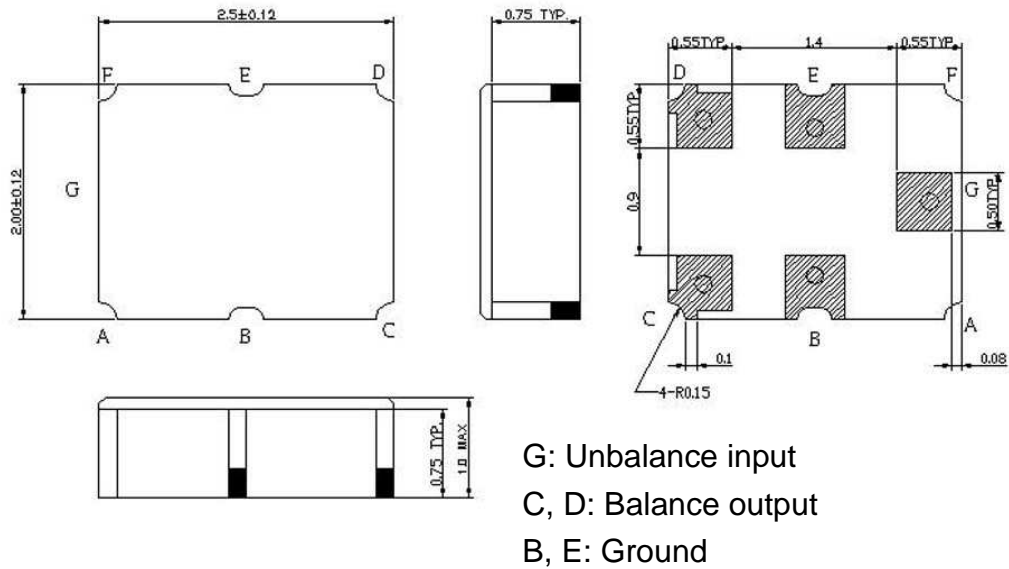
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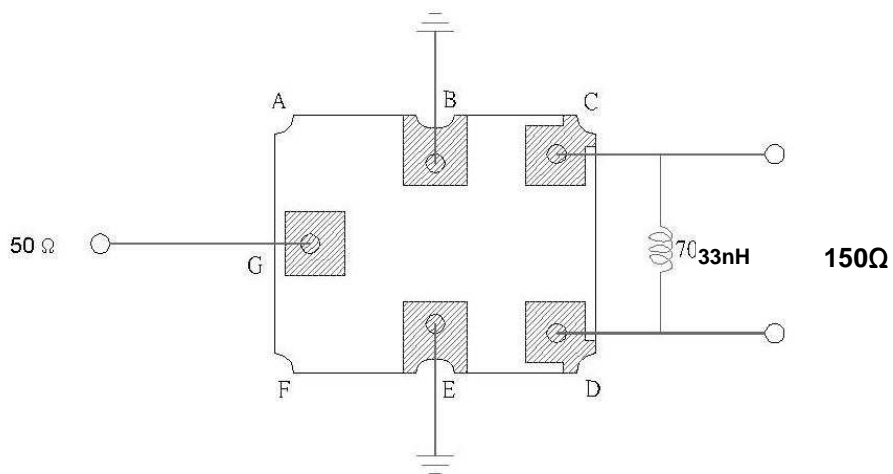
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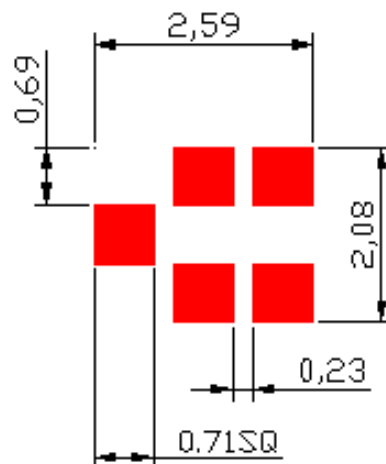
C. OUTLINE DRAWING:



D. MEASUREMENT CIRCUIT:



E. PCB FOOTPRINT:

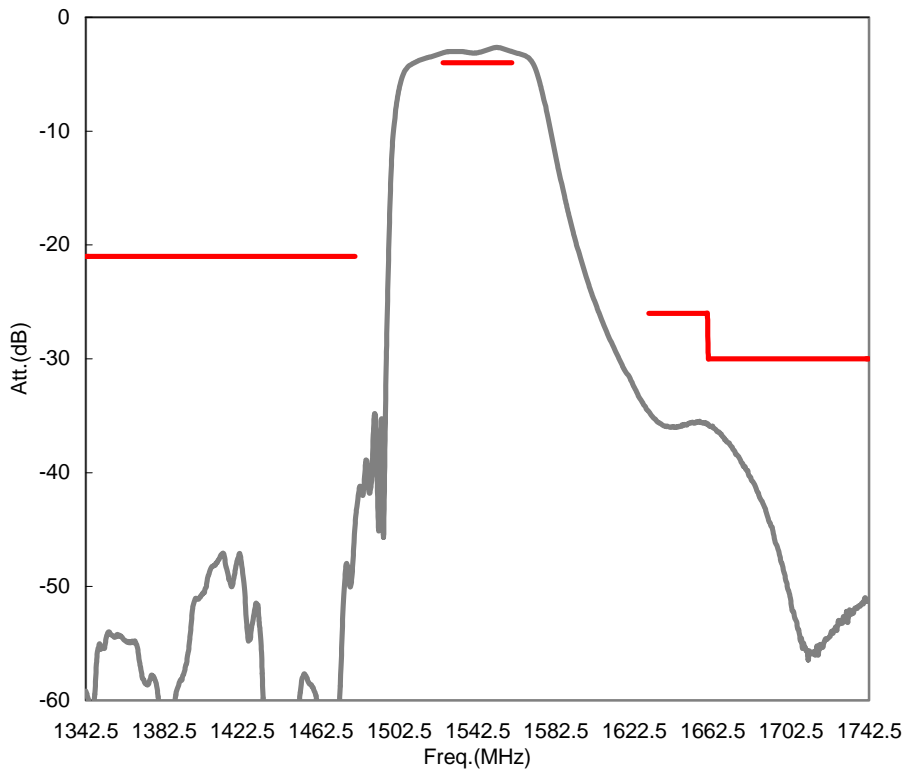
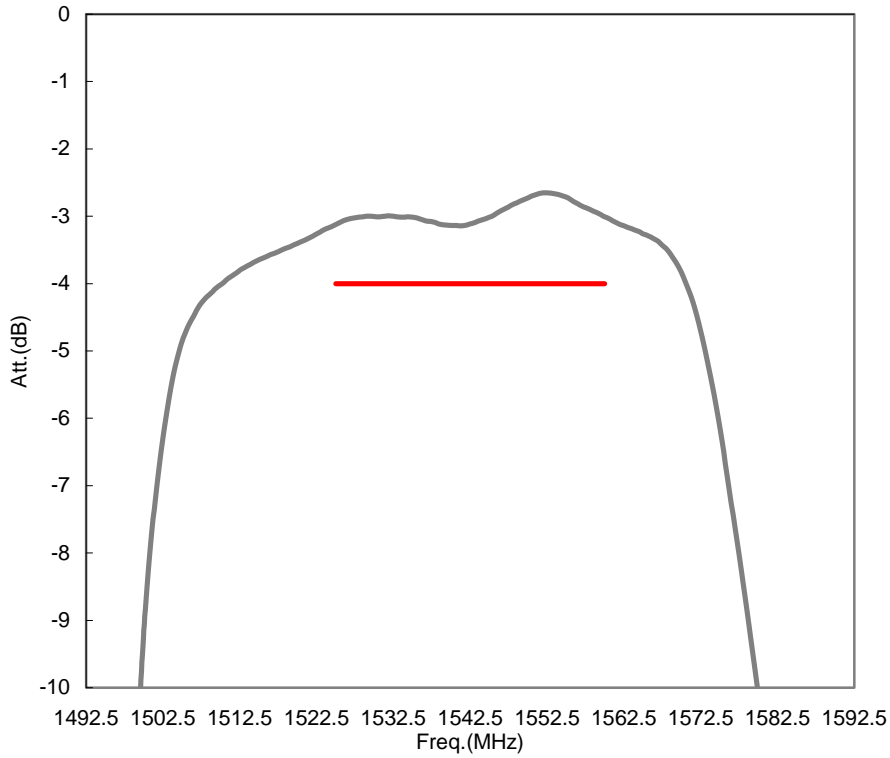


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F. FREQUENCY CHARACTERISTICS:

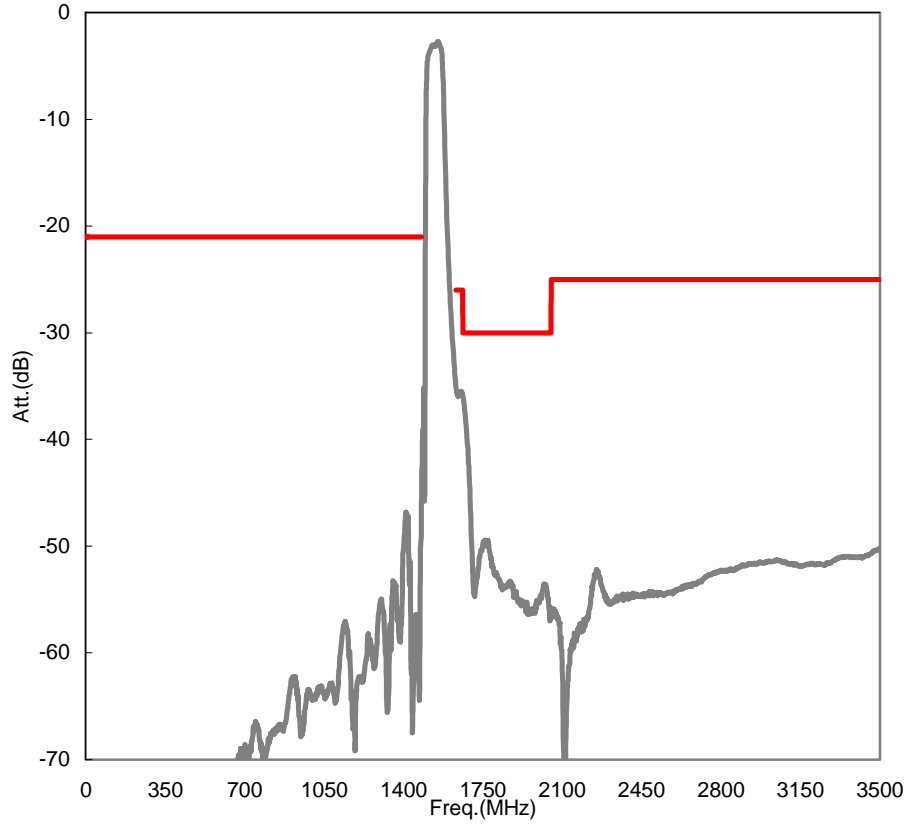
1. Transfer function (25°C)



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2. Wideband

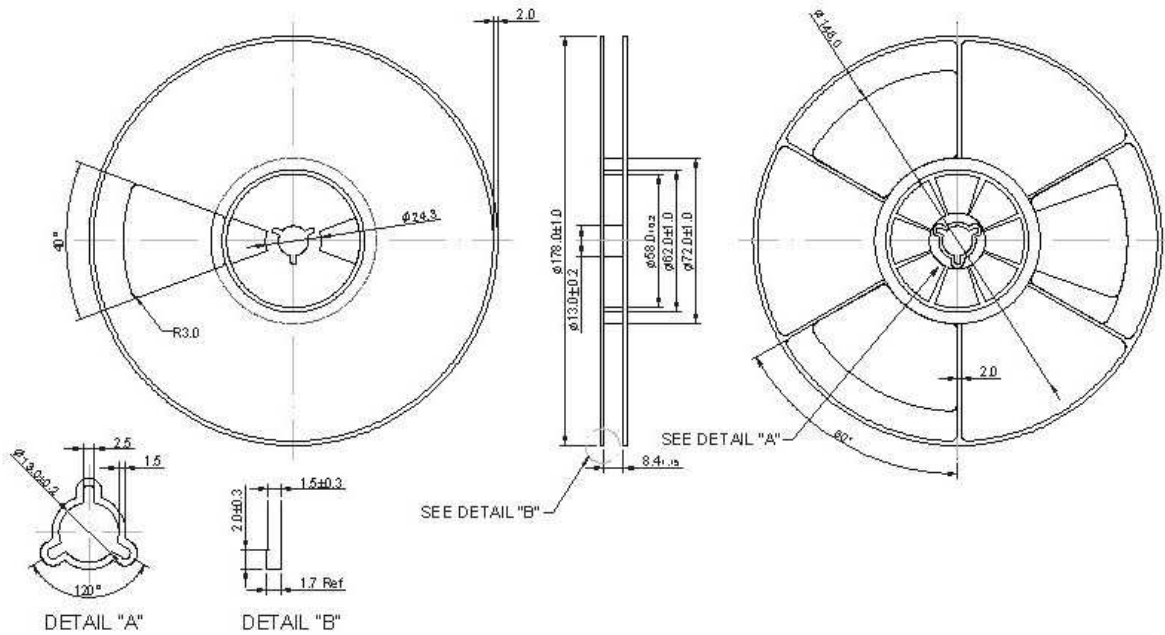


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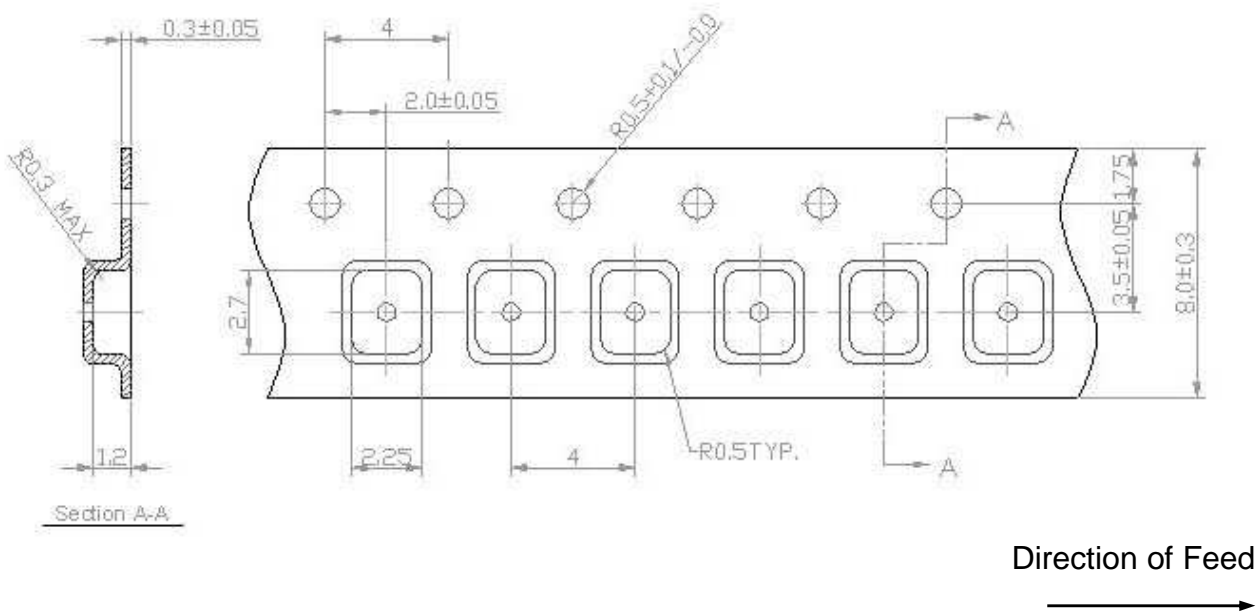
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

