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Golledge Electronics Ltd
Eaglewood Park, ILMINSTER
Somerset, TA19 9DQ, UK

SAW Filter 2441.80MHz — Model: TA1468A
Part No: MP05028 — Rev No: 2

A. MAXIMUM RATING:

Electrostatic **S**ensitive **D**evice (**ESD**)

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

B. ELECTRICAL CHARACTERISTICS:

1. Terminating source impedance: Z_S = 50Ω
2. Terminating load impedance: Z_L = 50Ω

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	2441.8	-
Insertion Loss within 2400.0 ~ 2483.5 MHz	dB	-	1.8	2.8
Amplitude Ripple within 2400.0 ~ 2483.5 MHz	dB_{p-p}	-	1.0	2.0
Attenuation:				
D.C ~ 1700.0 MHz	dB	20	23	-
1700.0 ~ 2200.0 MHz	dB	20	23	-
2700.0 ~ 3100.0 MHz	dB	20	26	-
3100.0 ~ 4000.0 MHz	dB	23	27	-
4000.0 ~ 6000.0 MHz	dB	20	28	-
VSWR within 2400.0 ~ 2483.5 MHz	-	-	1.9	2.3

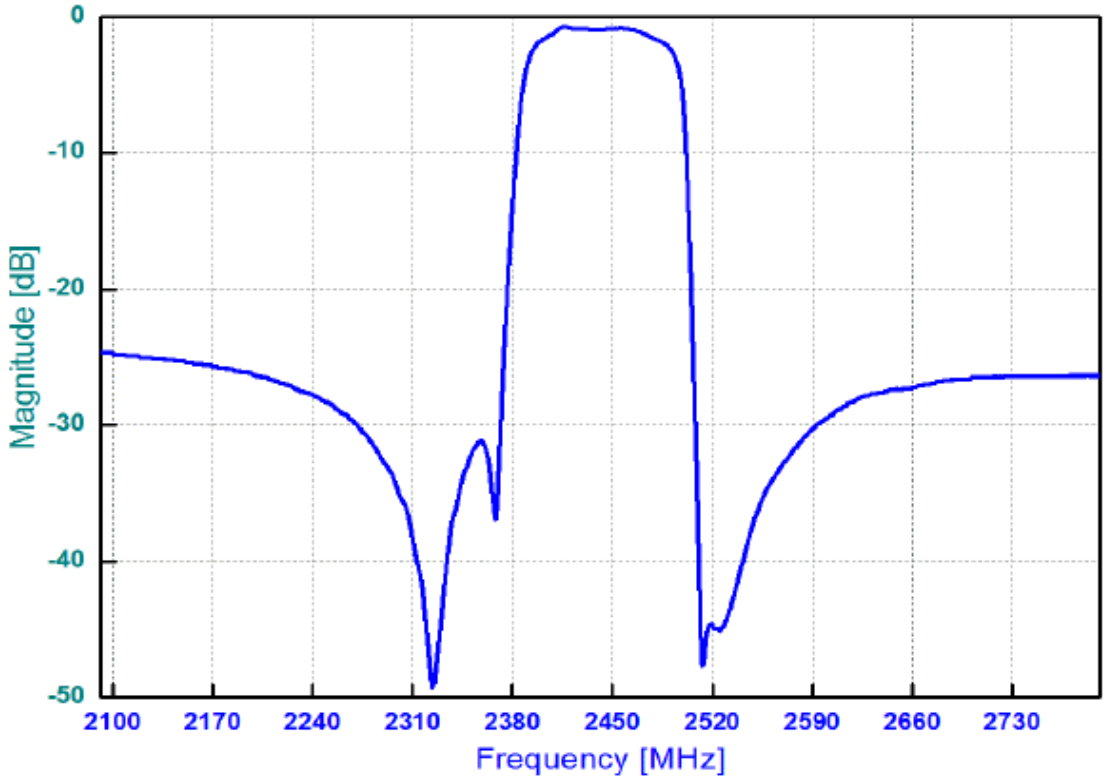
Notes : (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

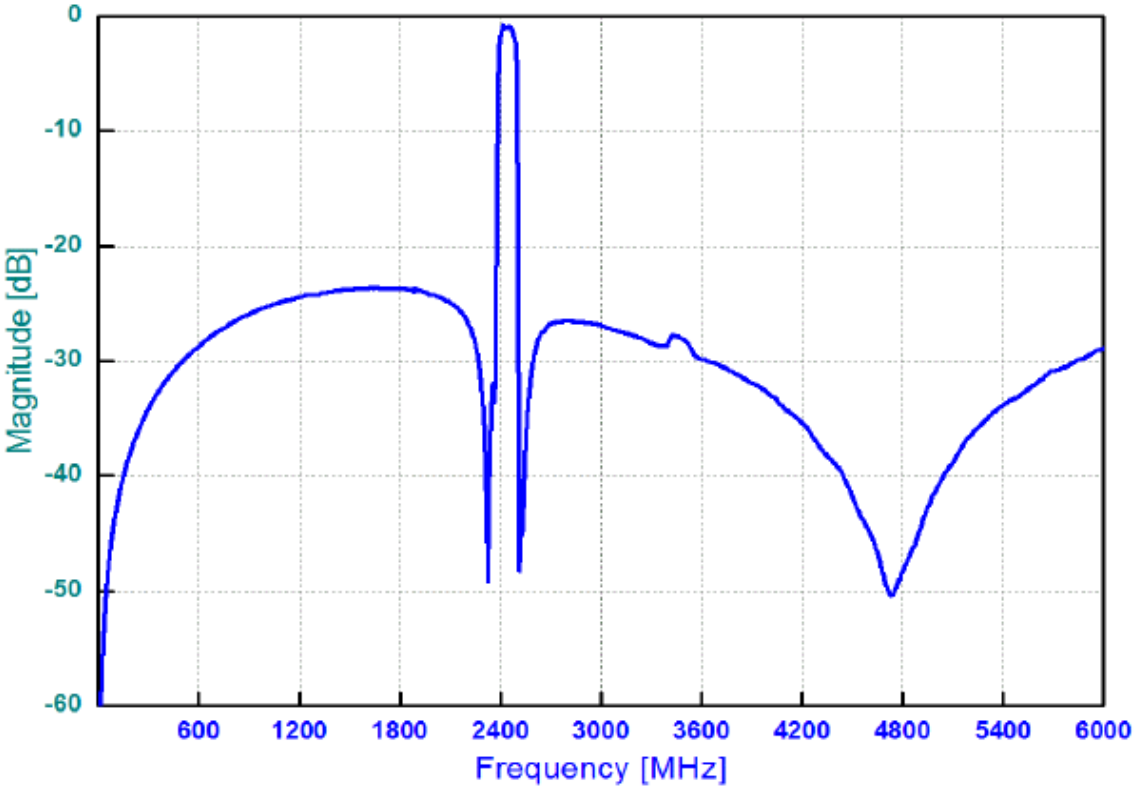
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C. FREQUENCY CHARACTERISTICS:

1. Frequency Response

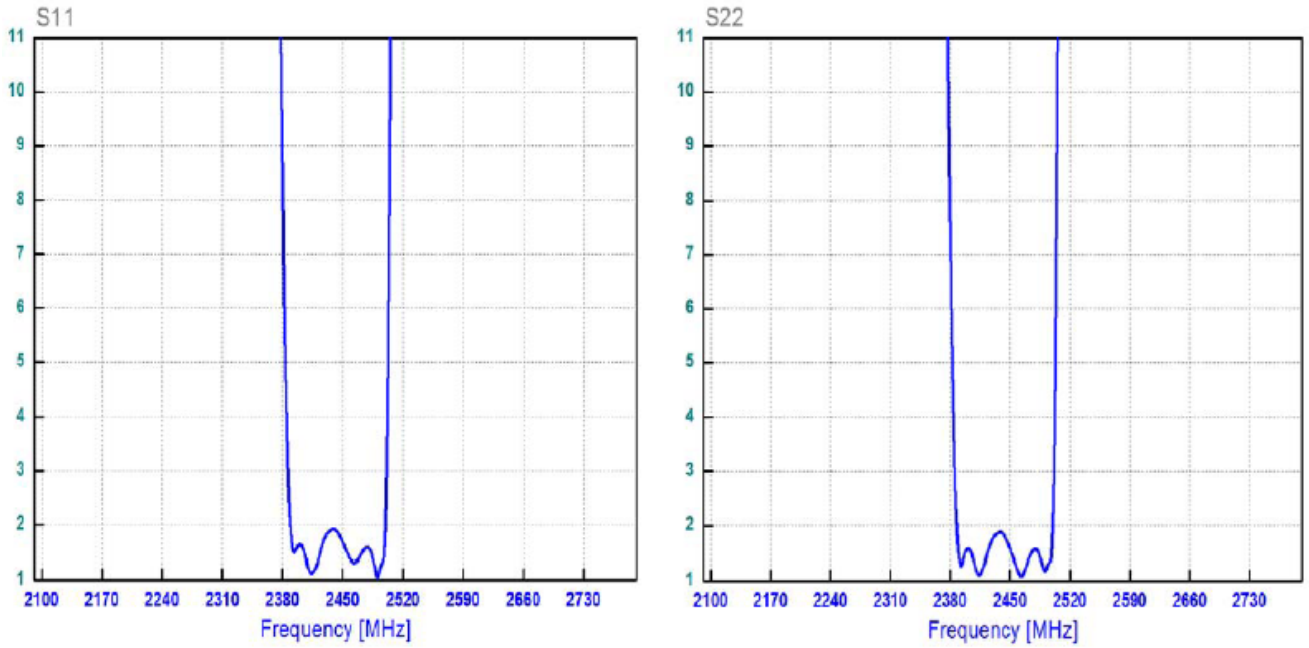




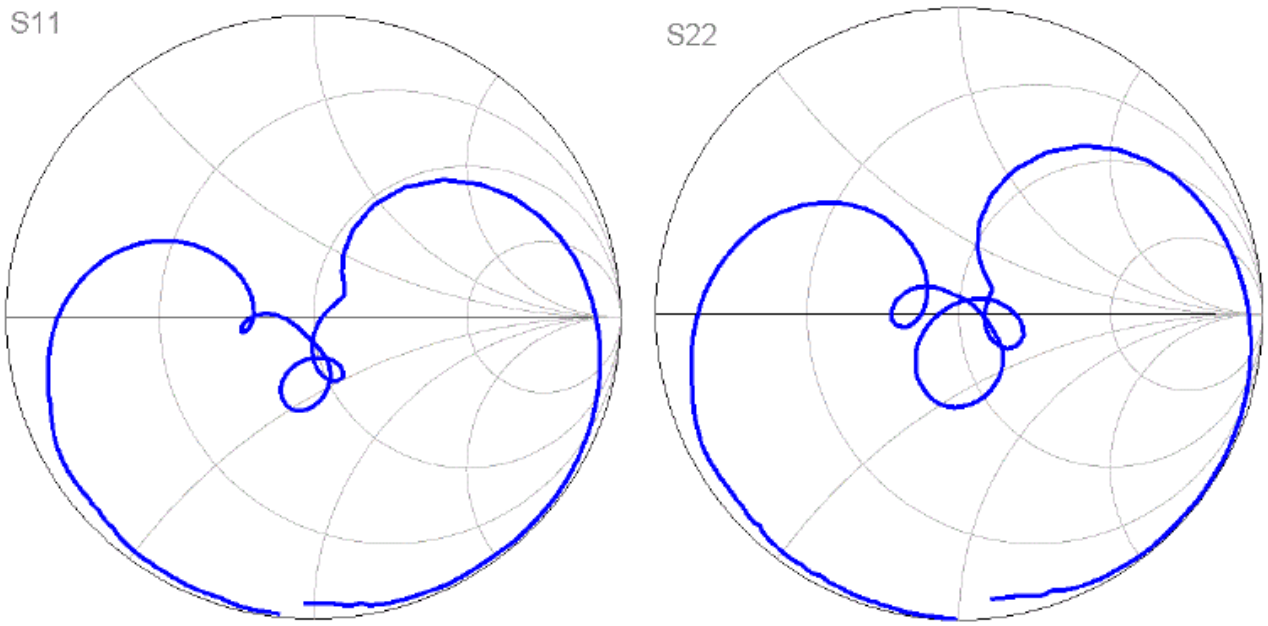
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2. VSWR



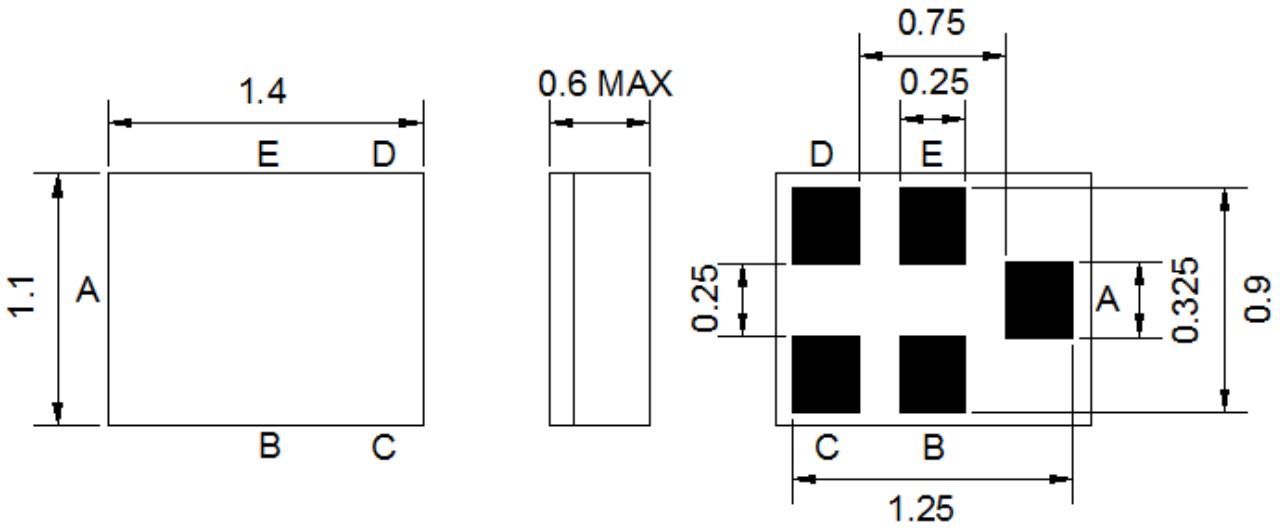
3. Smith Chart



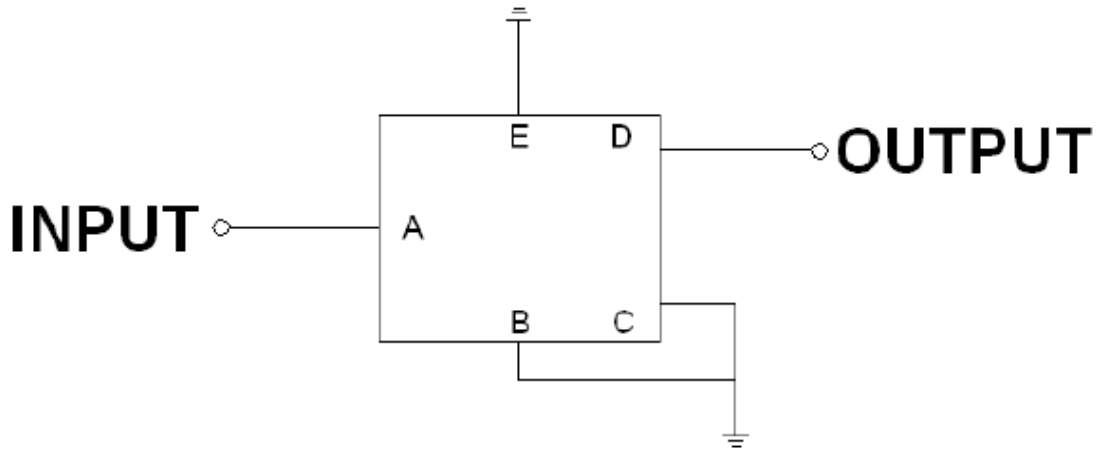
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D. OUTLINE DRAWING:



E. MEASUREMENT CIRCUIT:



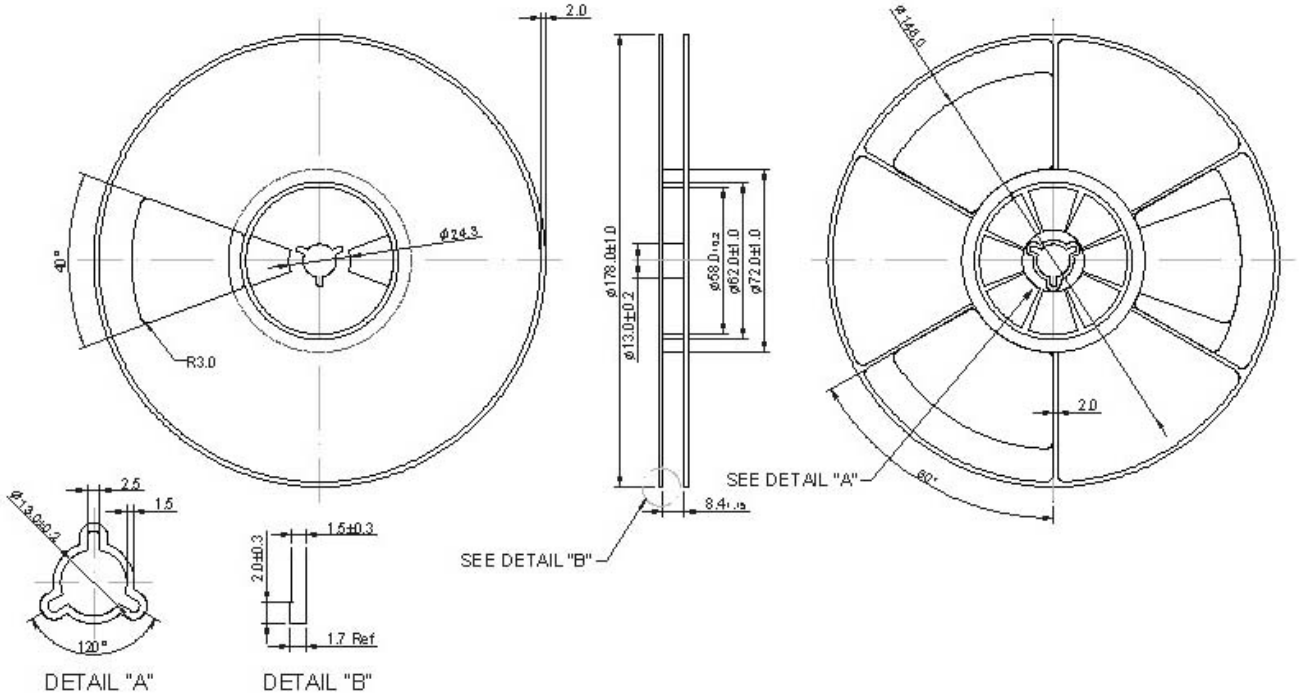
Source & Load Impedance: 50Ω

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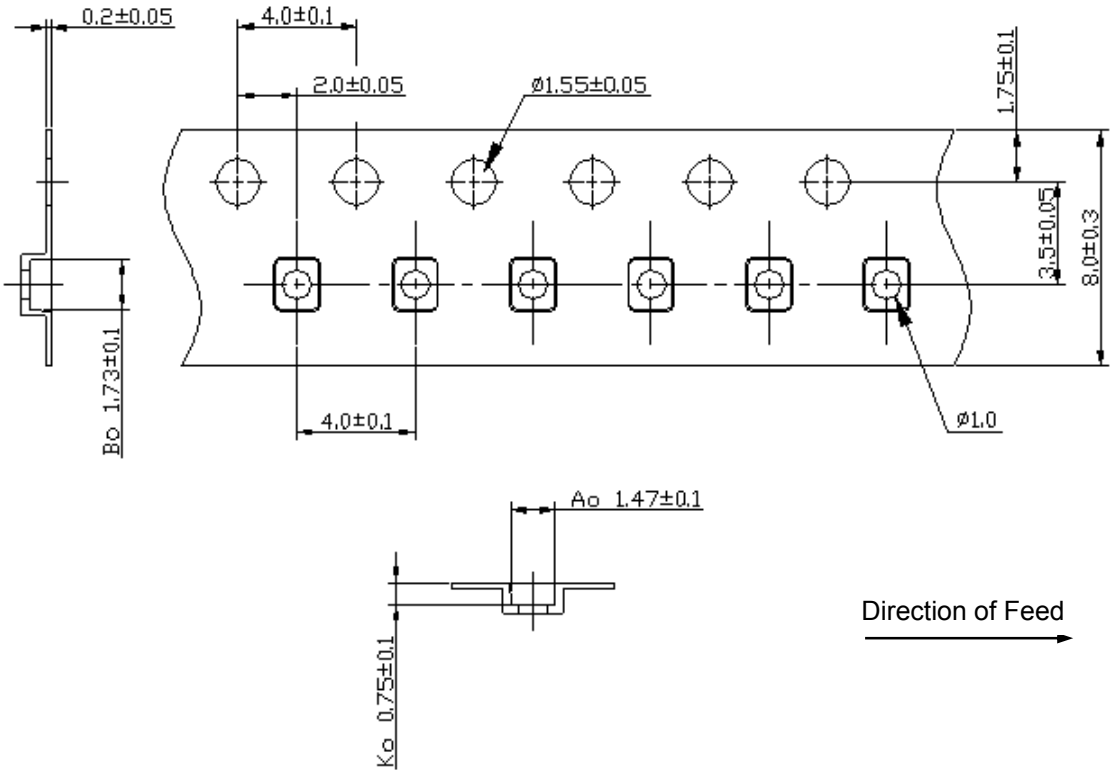
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F. PACKING:

1. Reel Dimension (Please refer to FR-75D10 for packing quantity)



2. Tape Dimension



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G. RECOMMENDED REFLOW PROFILE:

