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

SAW Filter 915MHz **Model: TA0521A**

Part No: **MP01408** REV. NO.: 2

A. MAXIMUM RATING:

1. Input Power Level: 13 dBm
2. DC voltage: 5 V
3. Operating Temperature: -40°C to 85°C
4. Storage Temperature: -40°C to +85°C

B. CHARACTERISTICS:

Item		Min.	Typ.	Max.
Center frequency Fc MHz		-	915	-
Insertion loss 912 ~ 918 MHz IL_{max}	dB	-	2.3	4.3
Amplitude ripple 912 ~ 918 MHz	dB	-	0.2	1.6
VSWR 912 ~ 918 MHz		-	1.45	2.0
Attenuation (Relative to IL_{Fc})				
452 MHz	dB	40	62	-
806 MHz	dB	38	55	-
850 MHz	dB	38	57	-
932 MHz	dB	12	31	-
Source impedance Z_S	Ω	-	50	-
Load impedance Z_L	Ω	-	50	-

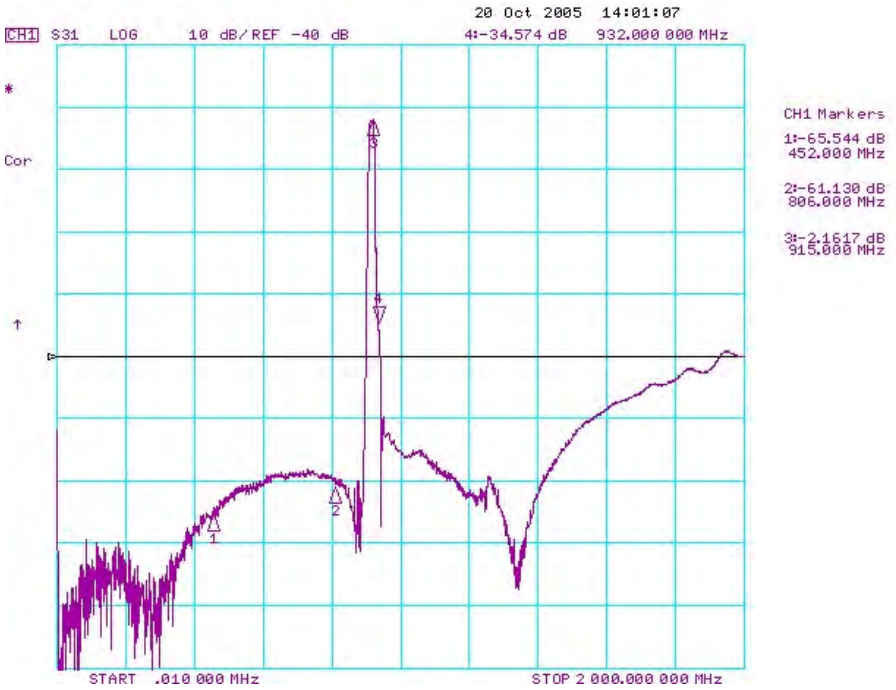
Note1. No matching network required for operation at 50Ω

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C. TRANSFER FUNCTION:





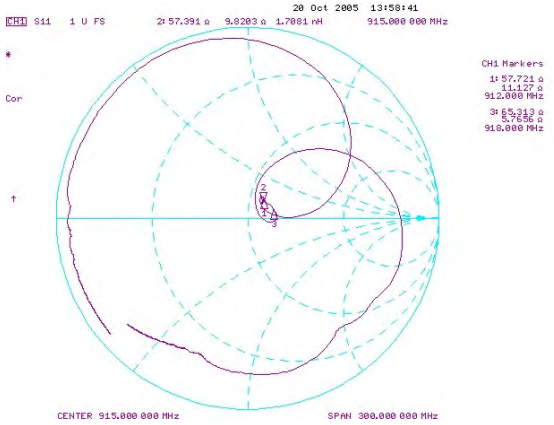
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D. REFLECTION FUNCTION:

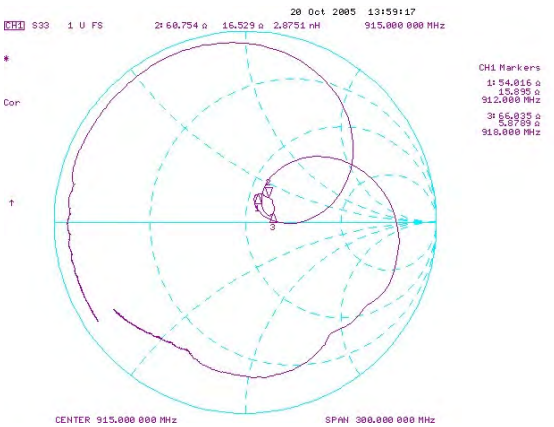
S11





S22

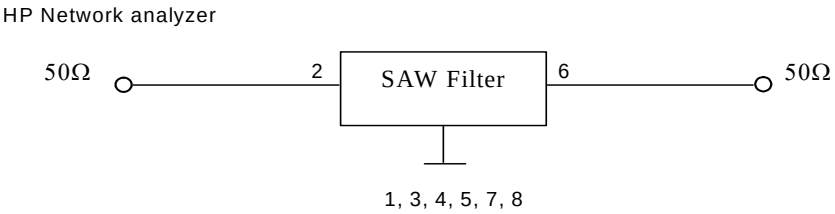




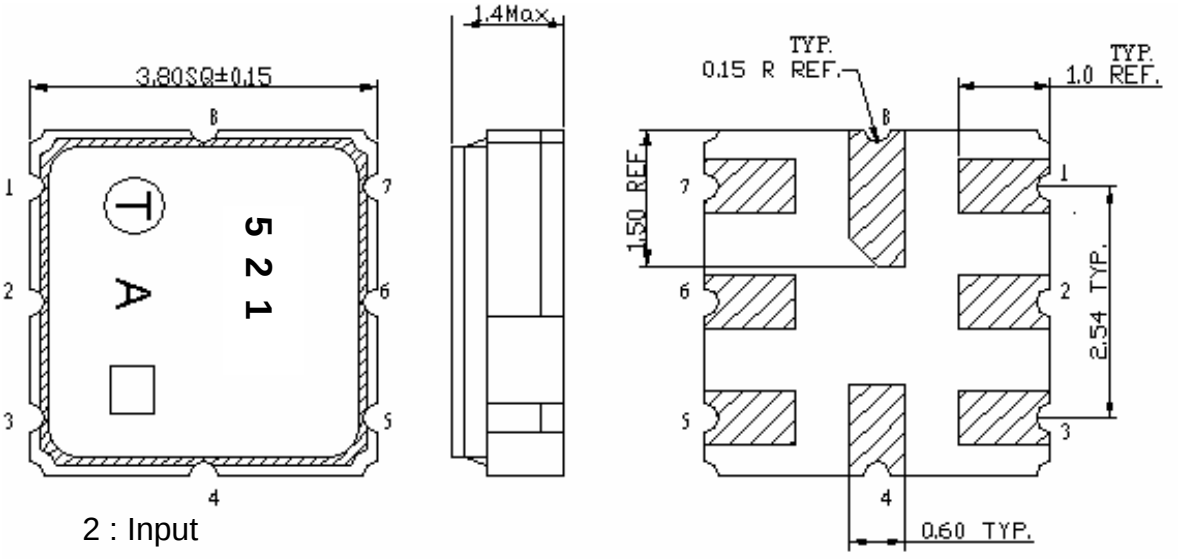
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E. MEASUREMENT CIRCUIT:



F. OUTLINE DRAWING:



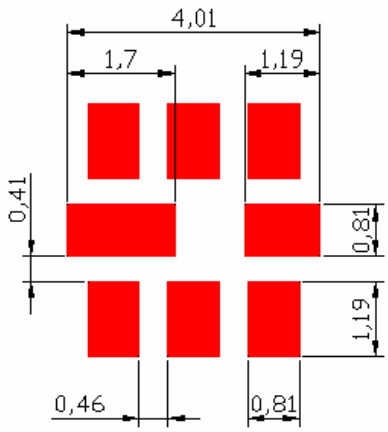
2 : Input

6: Output

1,3,4,5,7,8: Ground

Unit: mm

G. PCB FOOTPRINT:

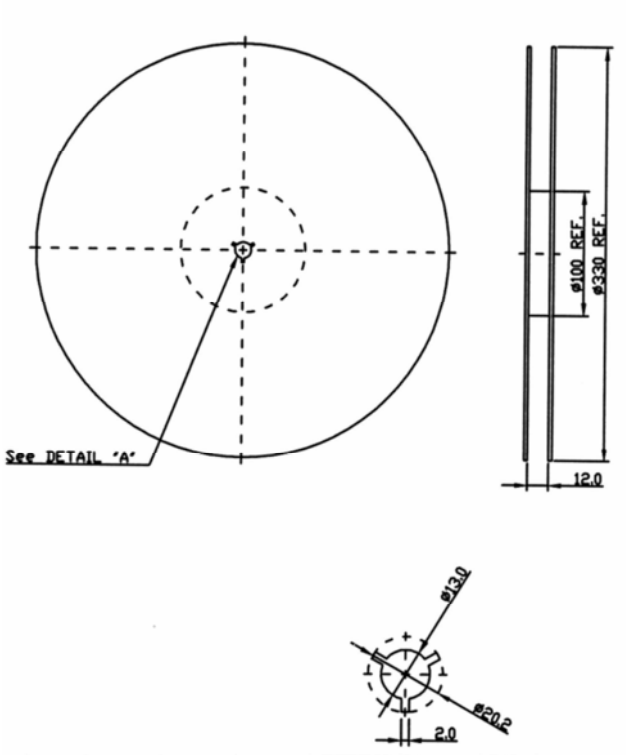


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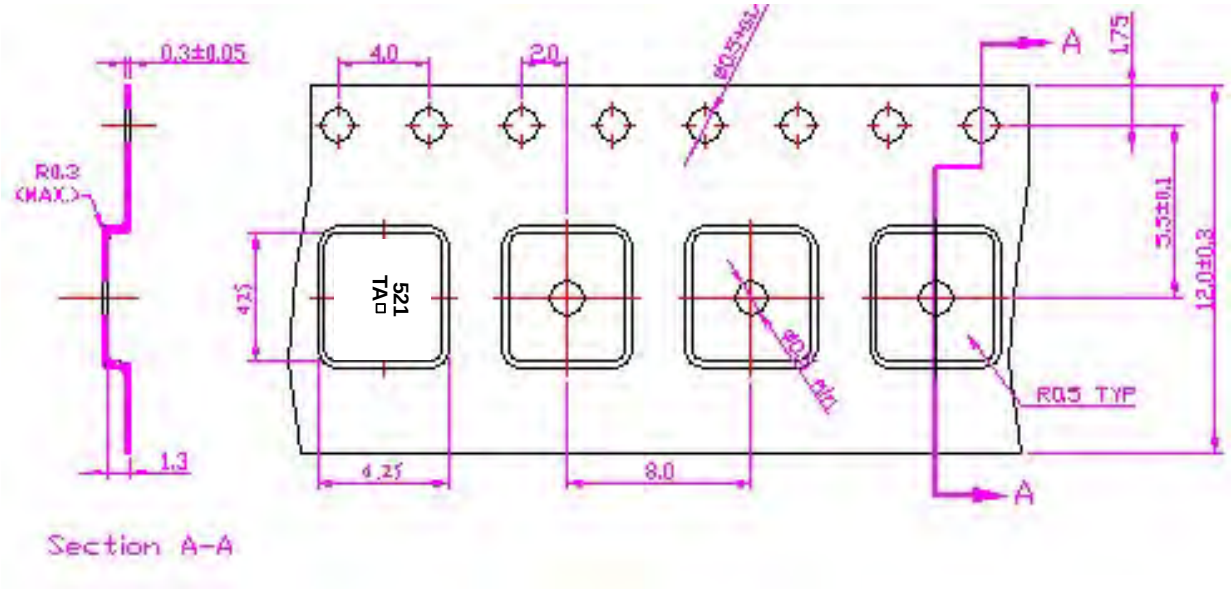
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H. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Direction of Feed