Tel: +44 1460 256 100
Fax: +44 1460 256 101
www.golledge.com

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

SAW Filter 915MHz — Model: TA0829A
Part No: MP02291 — Rev No: 1

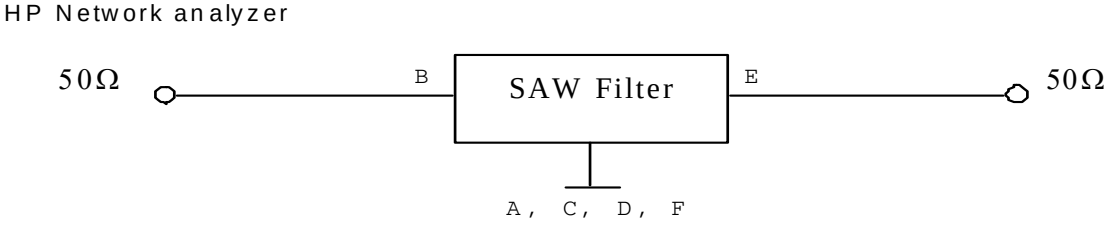
A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -40°C to +60°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	915	-	-
Insertion Loss (910 ~ 920MHz) IL	dB	-	3	4	-
Amplitude Ripple (910 ~ 920MHz)	dB	-	0.8	2	-
Attenuation (Reference level from 0dB)					
D.C ~ 880MHz	dB	45	50	-	-
880 ~ 890MHz	dB	40	52	-	-
940 ~ 950MHz	dB	35	40	-	-
950 ~ 1200MHz	dB	43	48	-	-
1200 ~ 1600MHz	dB	40	48	-	-
1600 ~ 2200MHz	dB	30	43	-	-
2200 ~ 2500MHz	dB	25	35	-	-
2500 ~ 3000MHz	dB	20	27	-	-

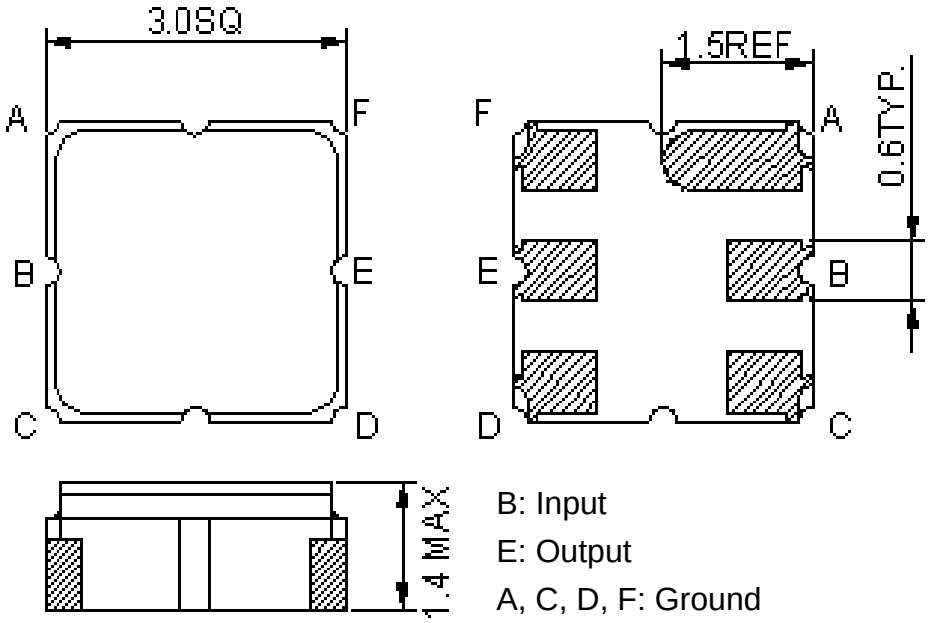
C. MEASUREMENT CIRCUIT:



Tel: +44 1460 256 100
Fax: +44 1460 256 101
www.golledge.com

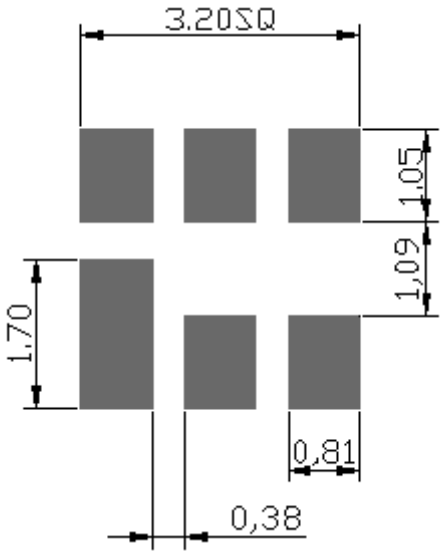
Golledge Electronics Ltd
Eaglewood Park, ILMINSTER
Somerset, TA19 9DQ, UK

D. OUTLINE DRAWING:



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

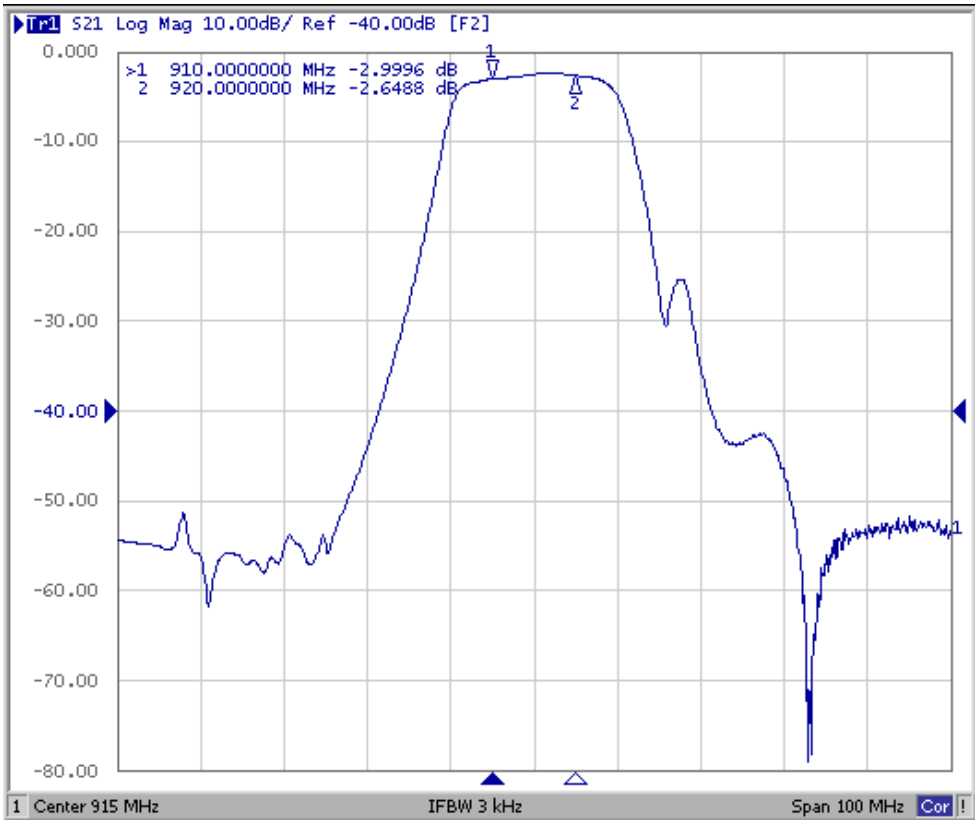
E. PCB FOOTPRINT:

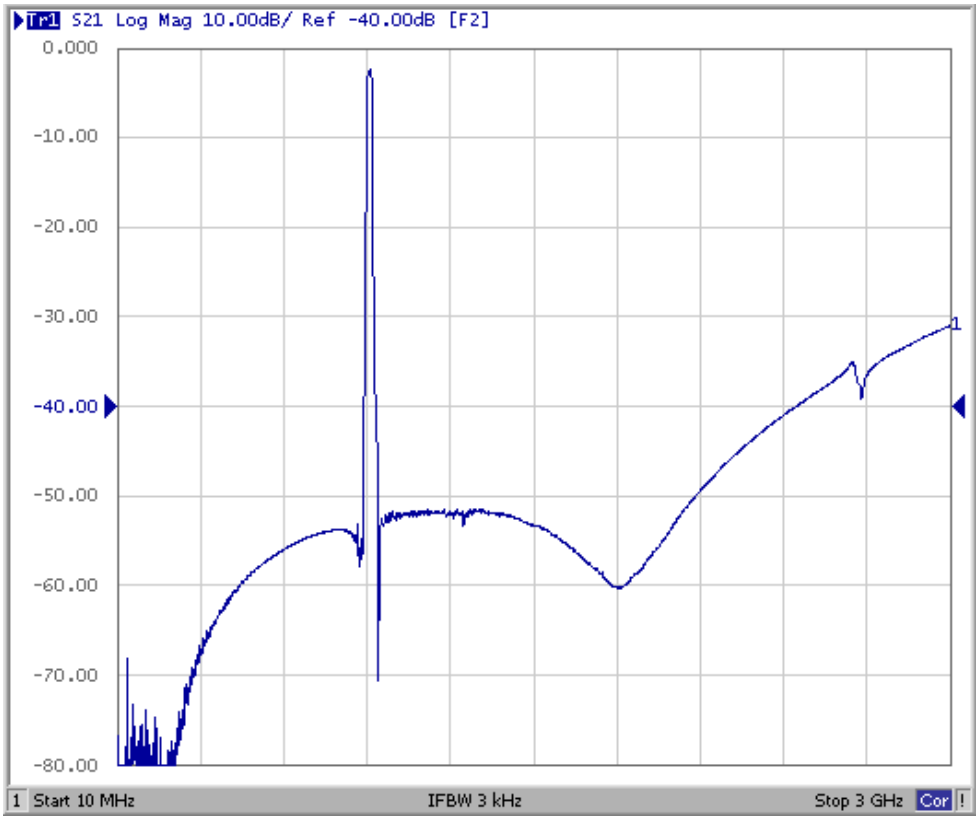


Tel: +44 1460 256 100
Fax: +44 1460 256 101
www.golledge.com

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

F. FREQUENCY CHARACTERISTICS:



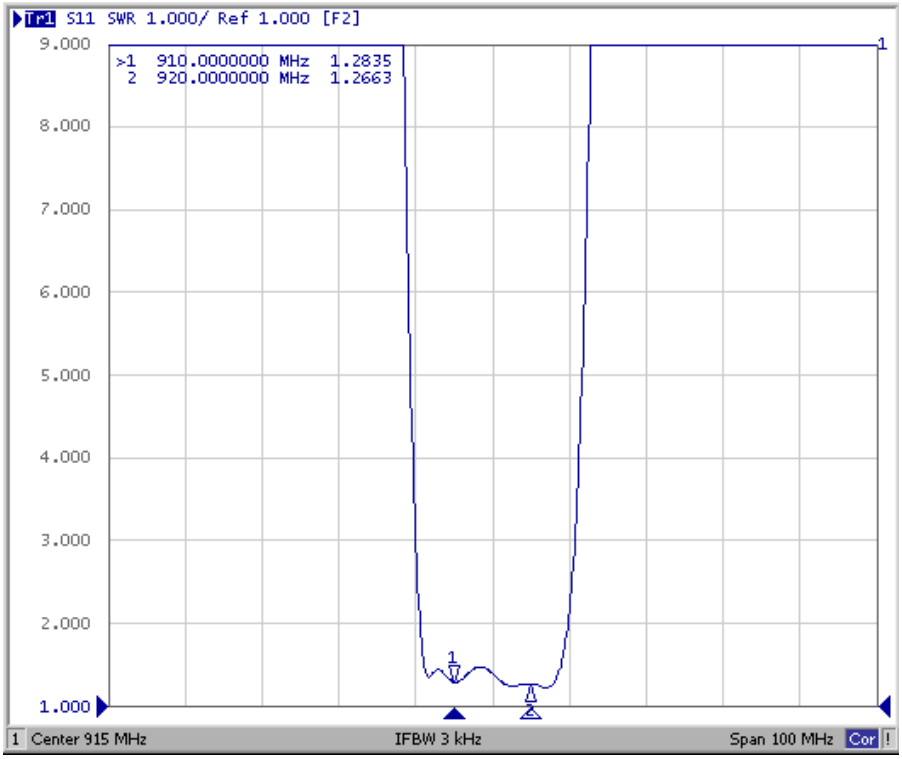


Tel: +44 1460 256 100
Fax: +44 1460 256 101
www.golledge.com

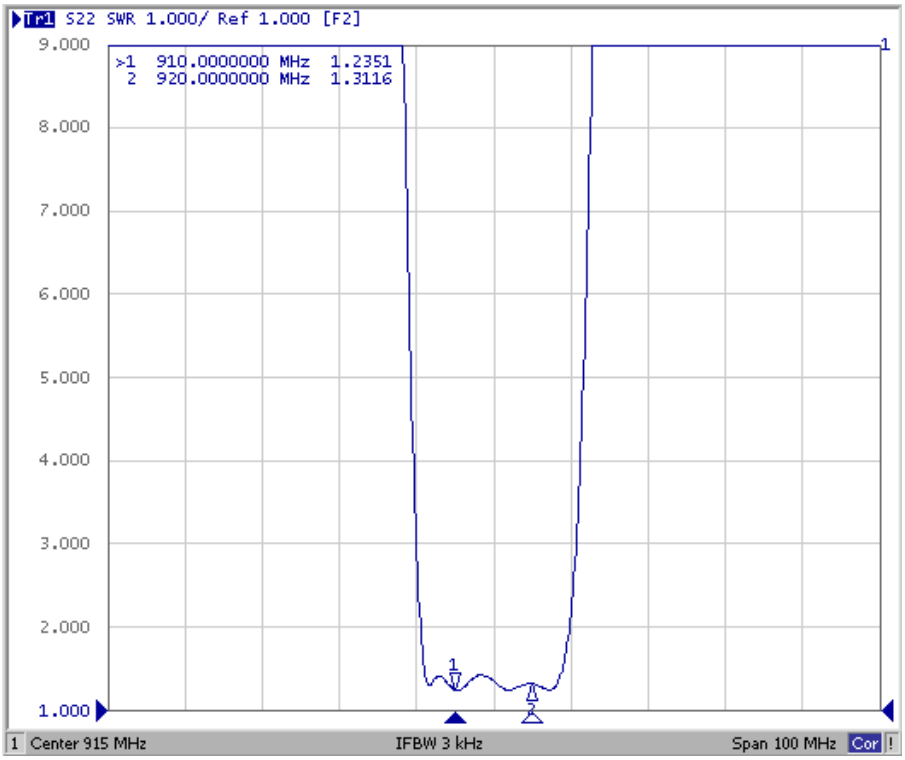
Golledge Electronics Ltd
Eaglewood Park, ILMINSTER
Somerset, TA19 9DQ, UK

Reflection Functions

S11



S22

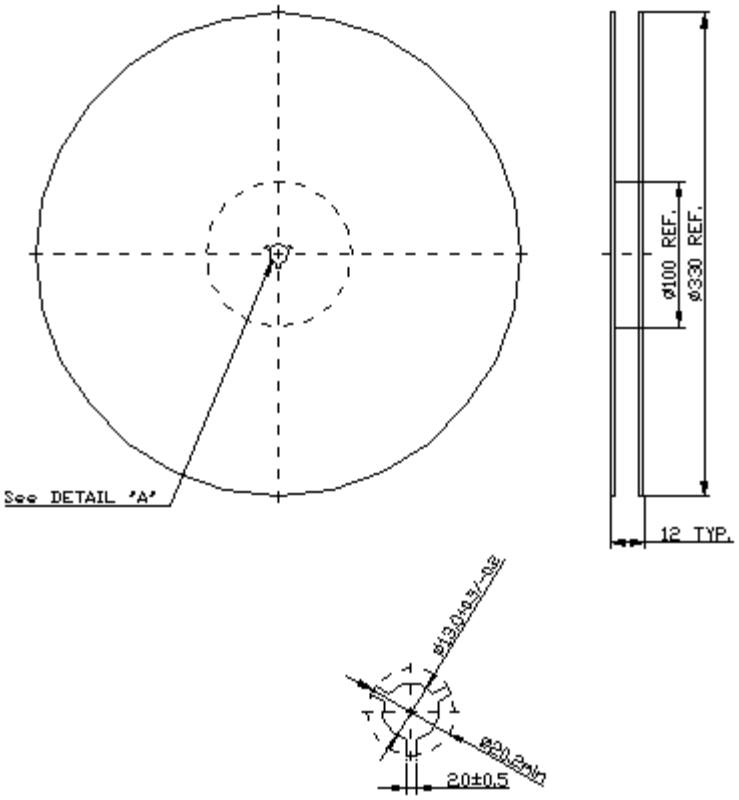


Tel: +44 1460 256 100
Fax: +44 1460 256 101
www.golledge.com

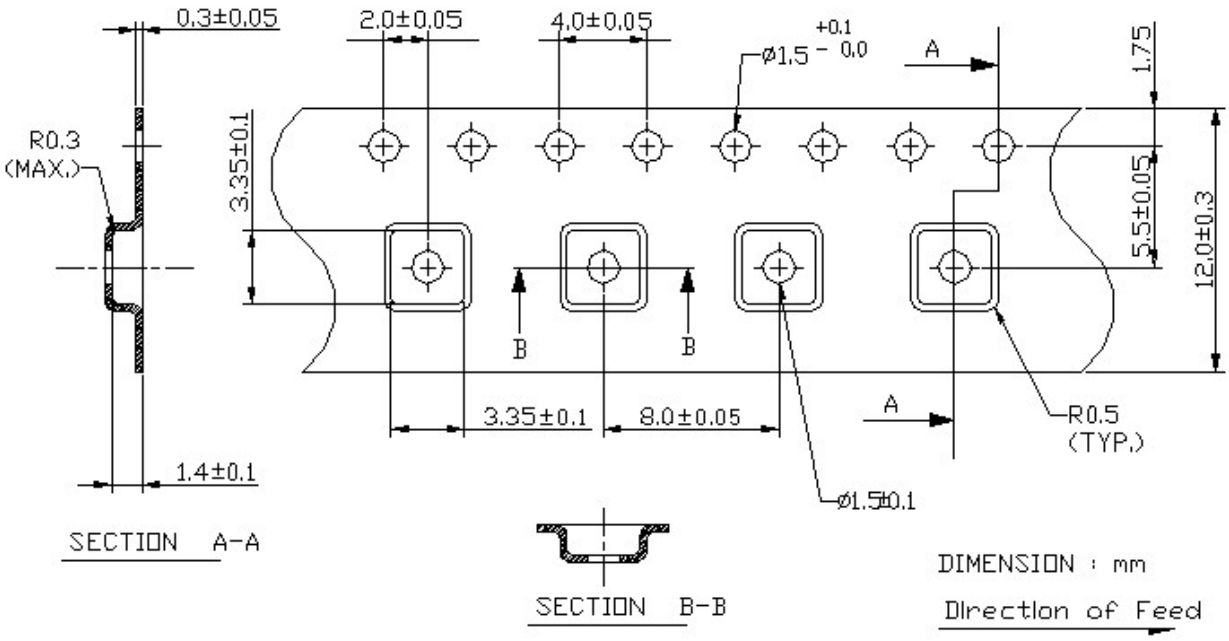
Golledge Electronics Ltd
Eaglewood Park, ILMINSTER
Somerset, TA19 9DQ, UK

G. PACKING:

1. Reel Dimension (Reel Count: 7” = 1000; 13” = 3000)



2. Tape Dimension



Tel: +44 1460 256 100
Fax: +44 1460 256 101
www.golledge.com

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

H. RECOMMENDED REFLOW PROFILE:

