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

SAW Filter 1932.50MHz **Model: TA0742A**

Part No: MP04389 **Rev No: 1**

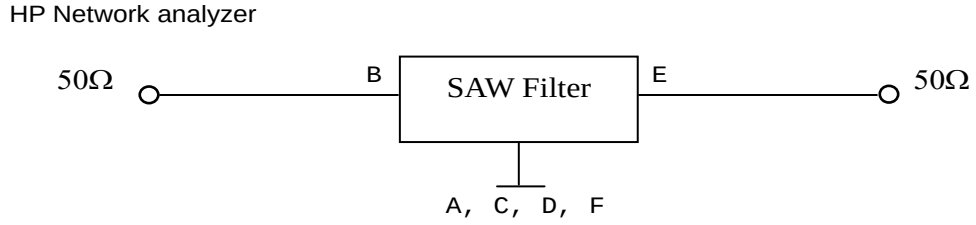
A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1932.5	-	-
Insertion Loss (1925 ~ 1940MHz) IL	dB	-	1.7	3	-
Amplitude Ripple (1925 ~ 1940MHz)	dB	-	0.2	1.3	-
VSWR (1925 ~ 1940MHz)		-	1.3	2.5	-
Attenuation (Reference level from 0dB)					
1700 ~ 1860MHz	dB	33	36	-	-
1985 ~ 2100MHz	dB	35	42	-	-

C. MEASUREMENT CIRCUIT:



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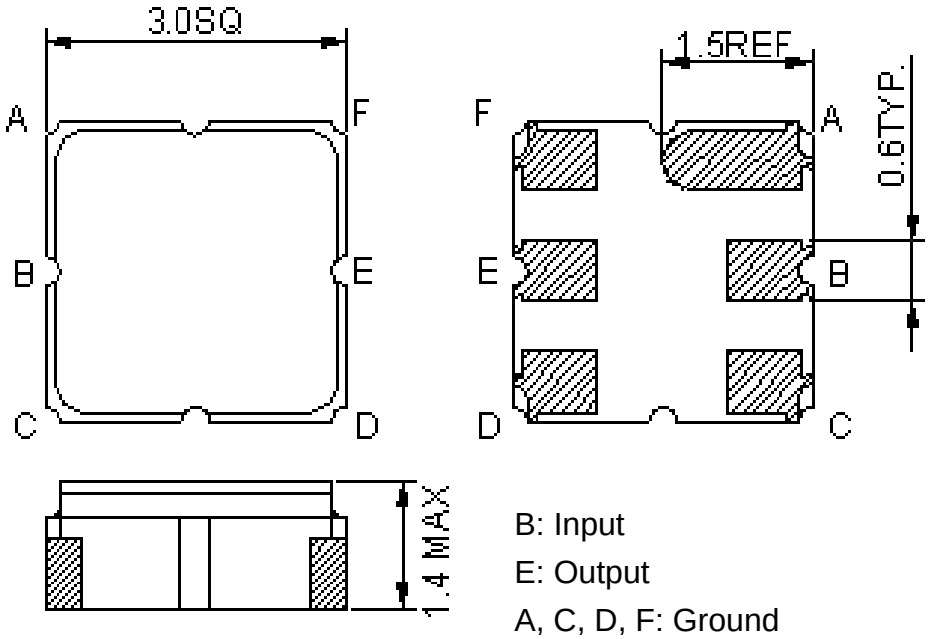
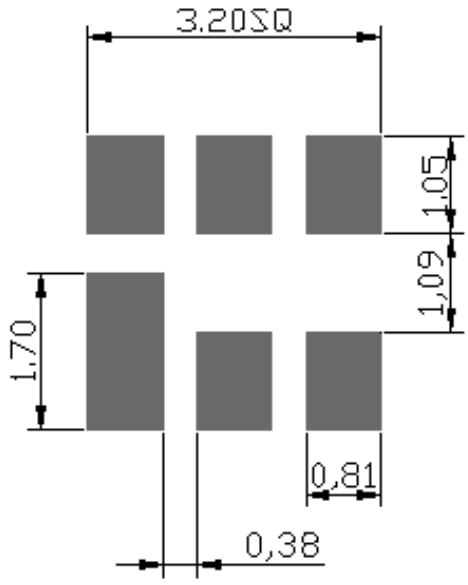
D. OUTLINE DRAWING:



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

E. PCB FOOTPRINT:



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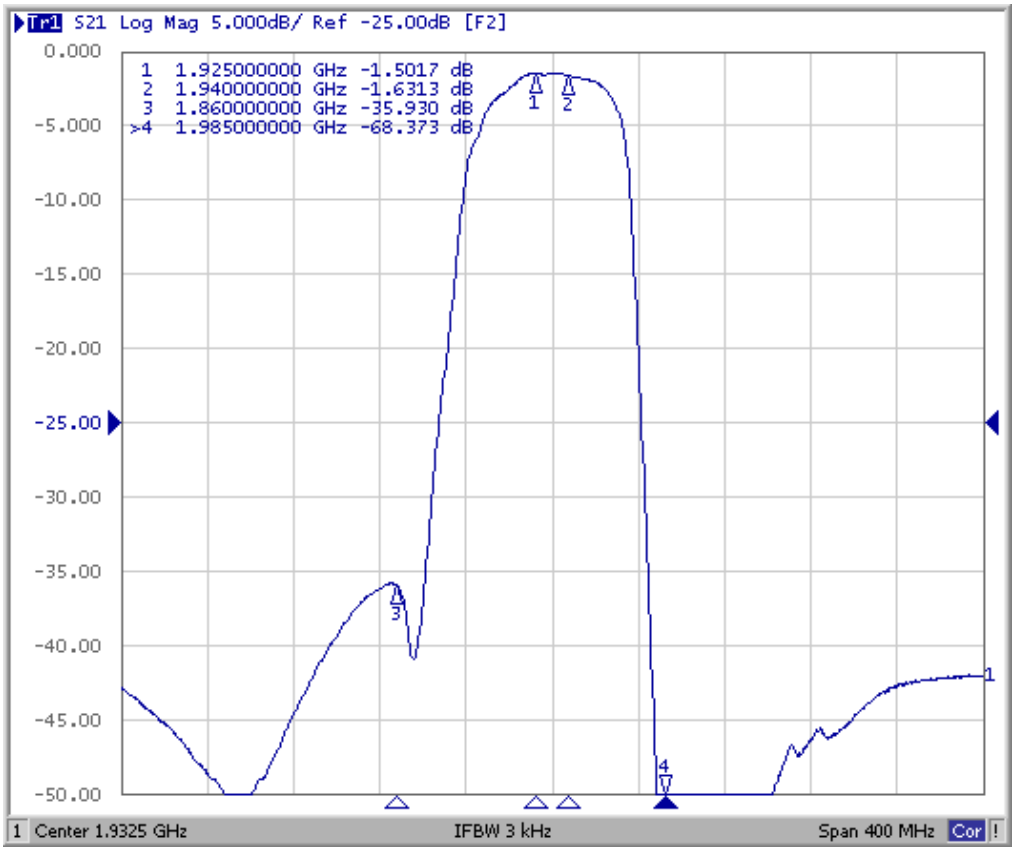
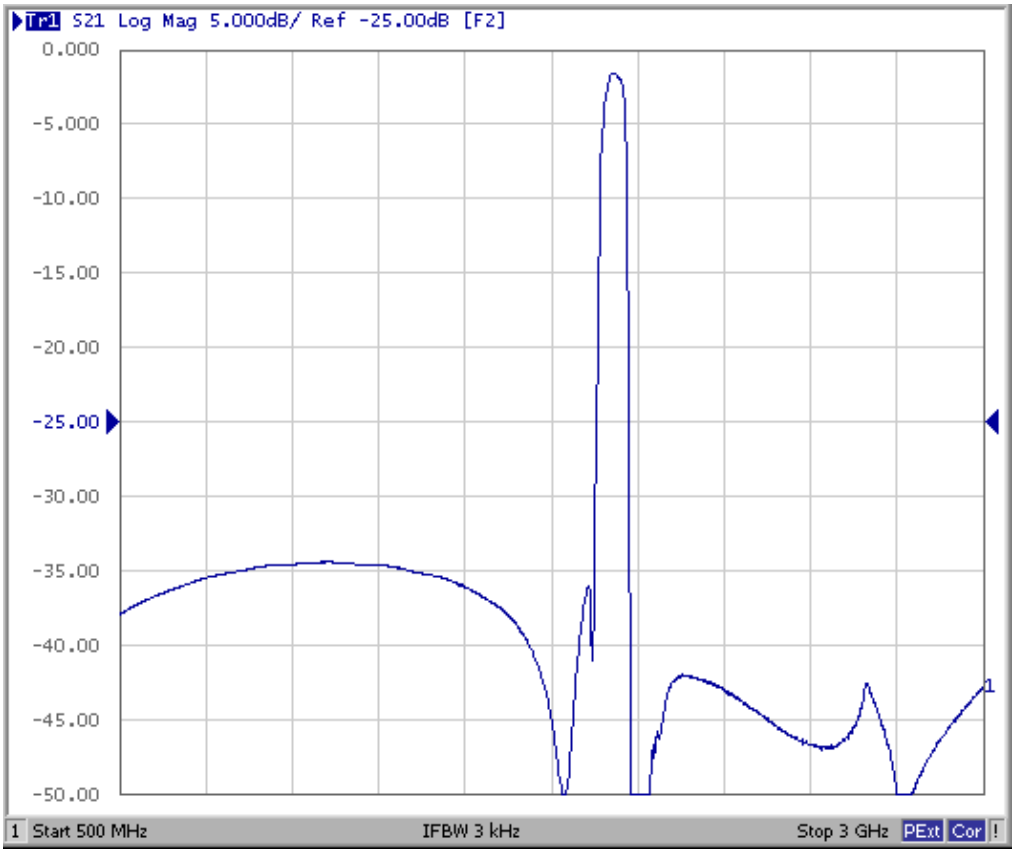
F. FREQUENCY CHARACTERISTICS:





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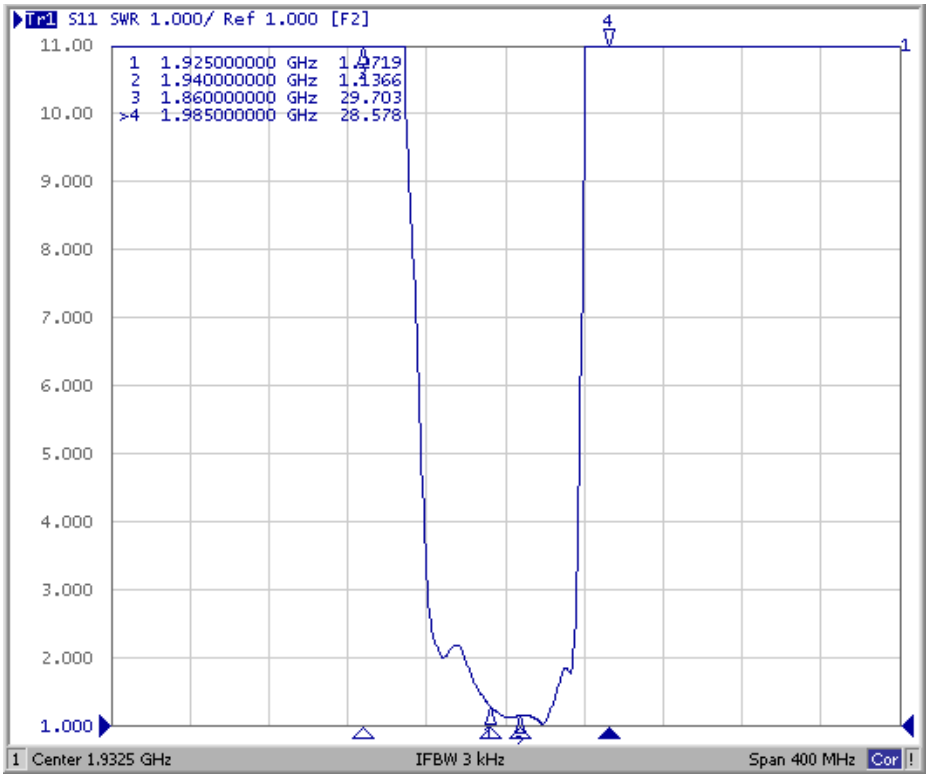
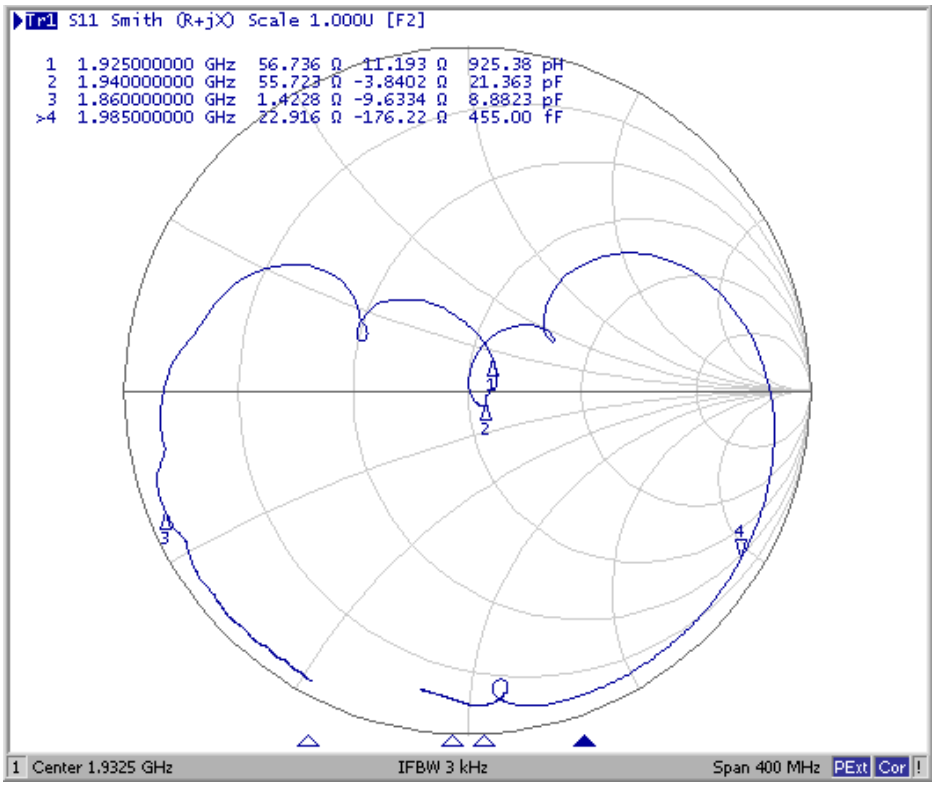
Part No: MP04389 — Rev No: 1

Reflection Functions

S11





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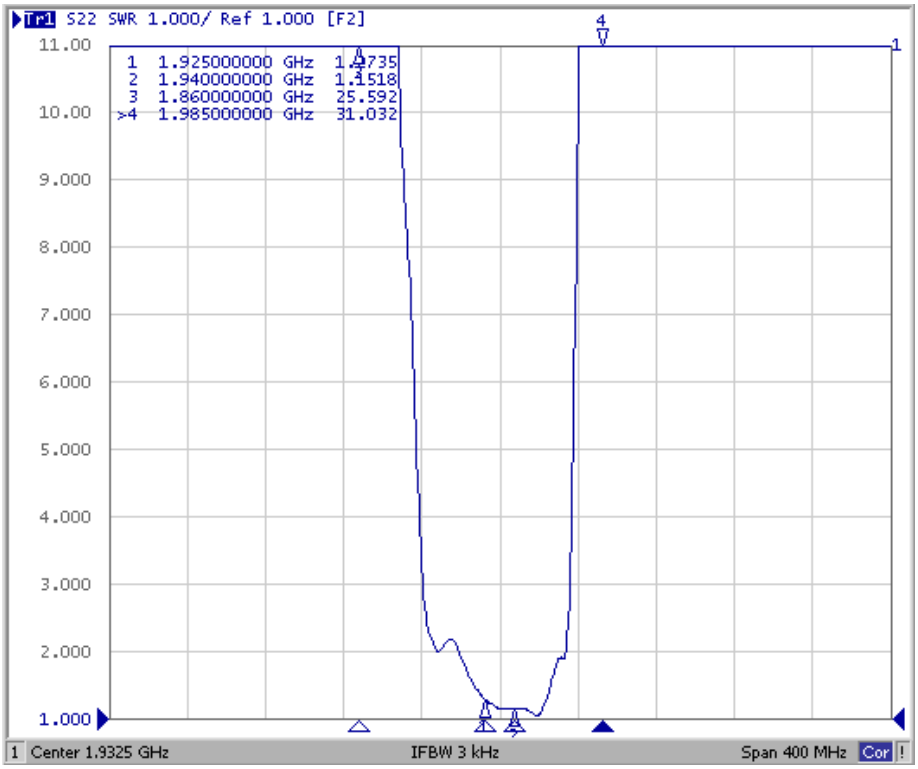
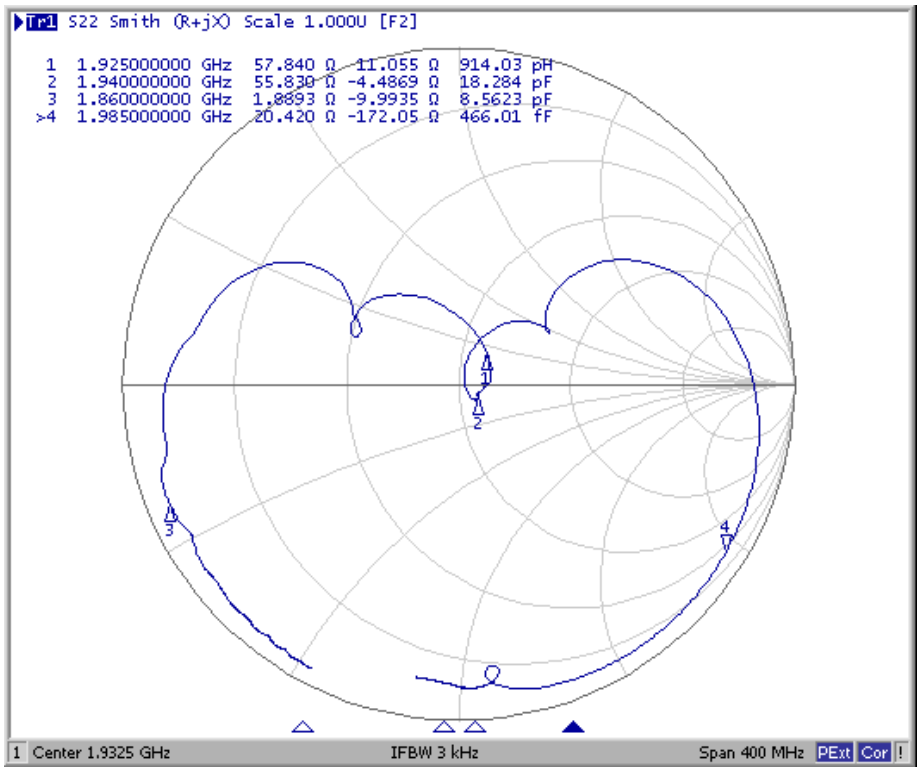
S22





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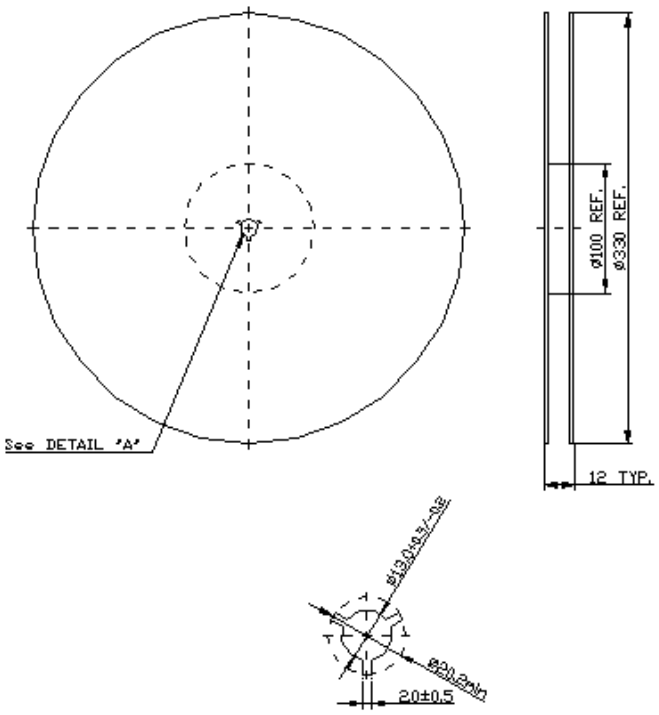
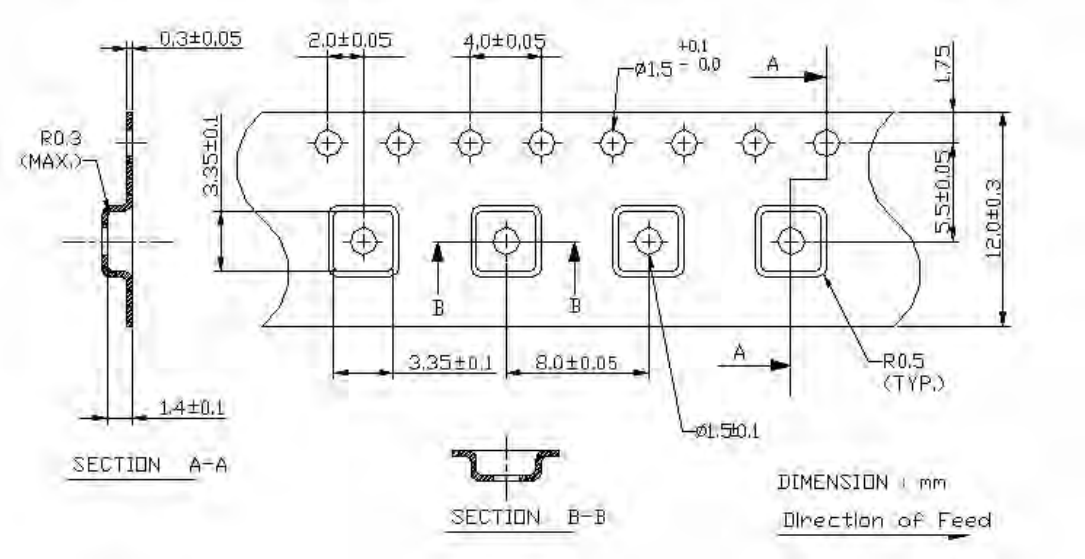
G. PACKING:

1. Reel Dimension

(Reel Count: 7” = 1000; 13” = 3000)



2. Tape Dimension



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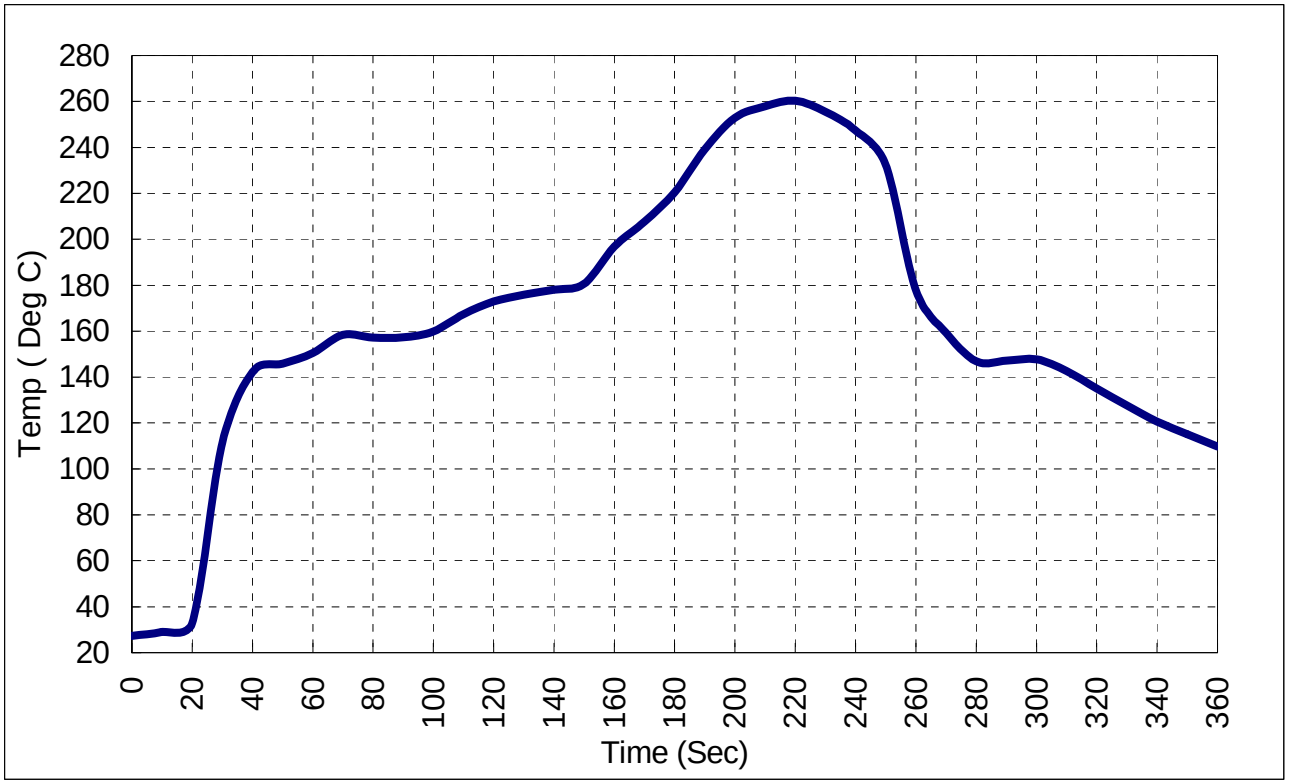
H. RECOMMENDED REFLOW PROFILE: