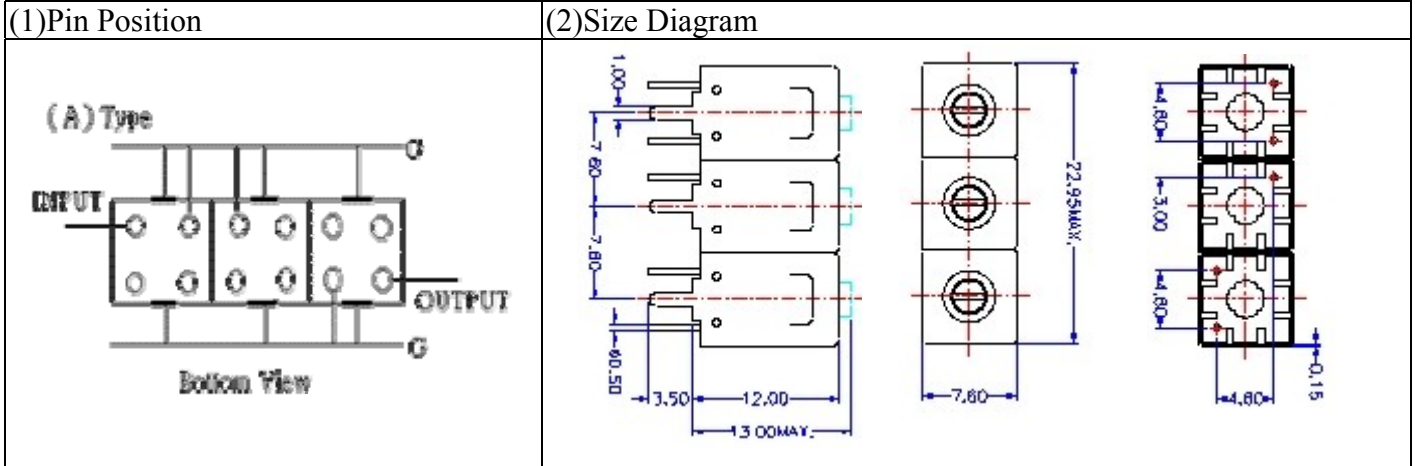


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT6843A-400.25M
Approval No. /dated	20409081B	Acceptable Specify Fo. Range	356~400MHz
Work Instruction No.	20409081B	Date	Sep.27.2004



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	400.25 MHz	400.25 MHz	
Tunable Range:	400.25±5 MHz	400.25±5 MHz	
Insertion Loss	Typ. 6.0 dB	4.85 dB	
-3 dB Bandwidth	Typ. 4.0 MHz	6 MHz	
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 54 dBc	57 dBc
	Fo + 30 MHz	Typ. 42 dBc	45 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	41.0 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

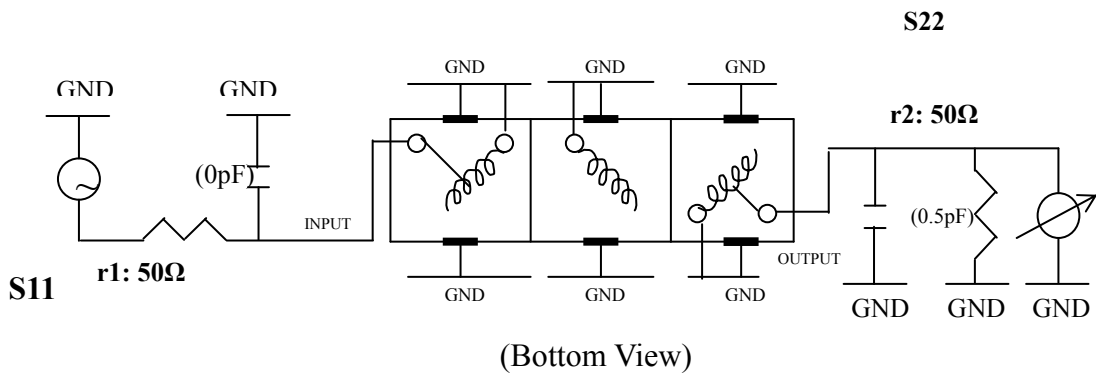
(4) Torque for Tuning Screw > 100gf • cm

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 1Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω/ by parallel with about(0 pF) / (0.5pF).

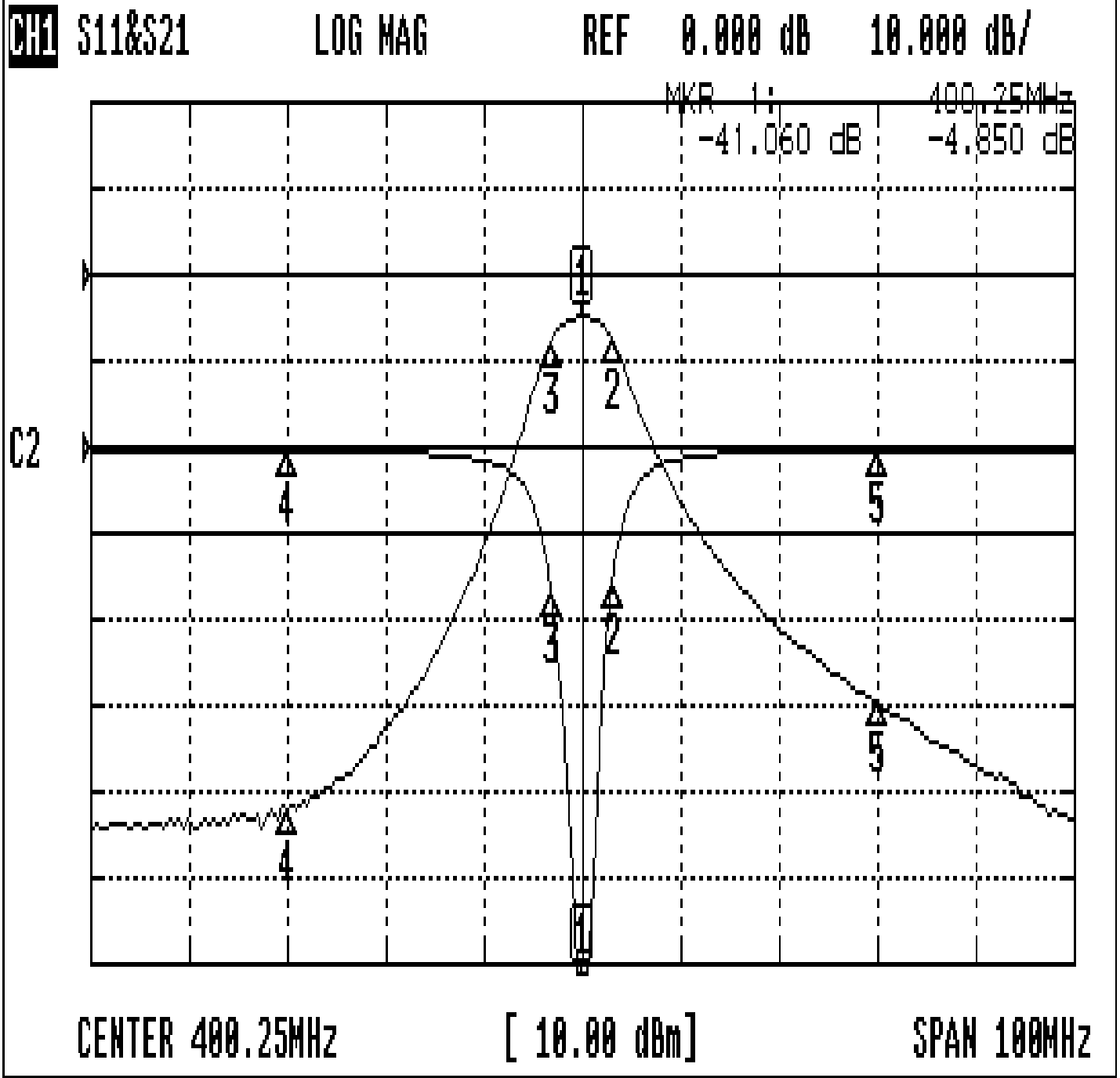


Approval C.Y.Chang	Supervisor C.S.Chang	Designer P.H.Chiang	Aperture size 7H3(4*4.65)(4.68) 7H046LB4 聚 3
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TEMWELL CORPORATION

Performance-TT6843A-400.25M

20409081B



CH1 MARKER LIST

1:	400.250MHz	-41.060 dB	-4.850 dB
2:	403.333MHz	-7.878 dB	-7.721 dB
3:	397.083MHz	-8.457 dB	-7.724 dB
4:	370.250MHz	-0.215 dB	-61.499 dB
5:	430.250MHz	-0.180 dB	-49.710 dB