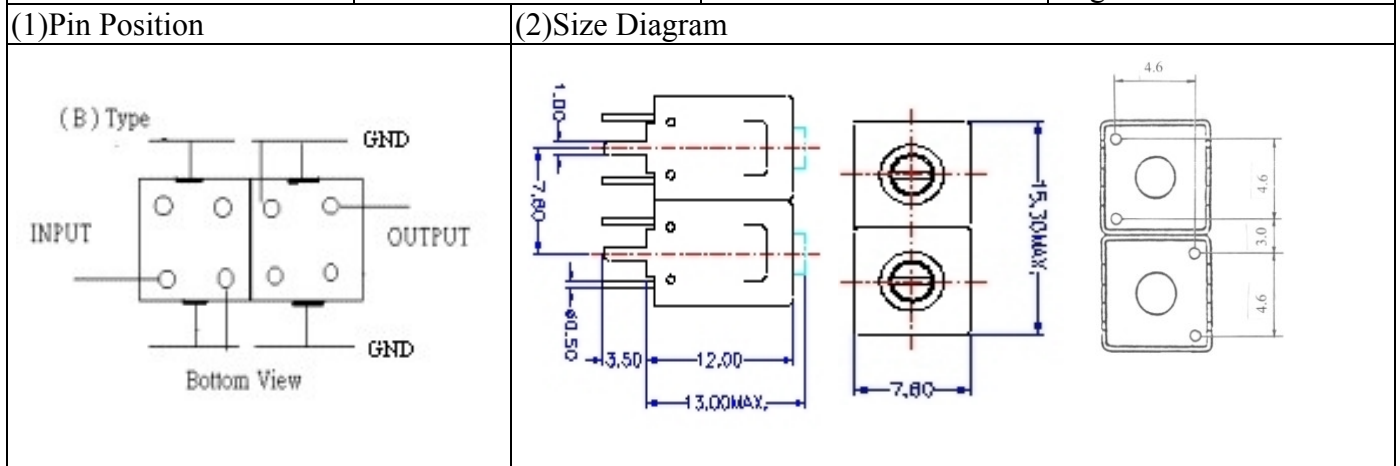


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TD67775B-1140M
Approval No. /dated	20507143APR	Temwell's Print Name	
Work Instruction No.	20507143DC	Date	Aug.15.2005



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1140 MHz	1140 MHz	
Tunable Range	1140±5 MHz	1140±5 MHz	
Insertion Loss	Typ. 2.0 dB	1.05 dB	
-3 dB Bandwidth	Typ. 45 MHz	52.4 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 21 dBc	24 dBc
	Fo + 100 MHz	Typ. 17 dBc	20 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	25.1 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

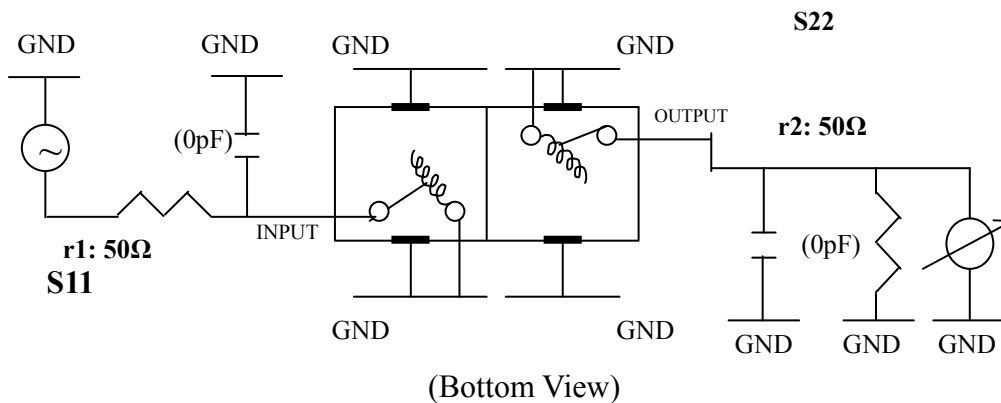
(4) Torque for Tuning Screw > 100gf · cm

(5) Temperature Condition:

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

(6) Input Power > 1 Watt

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

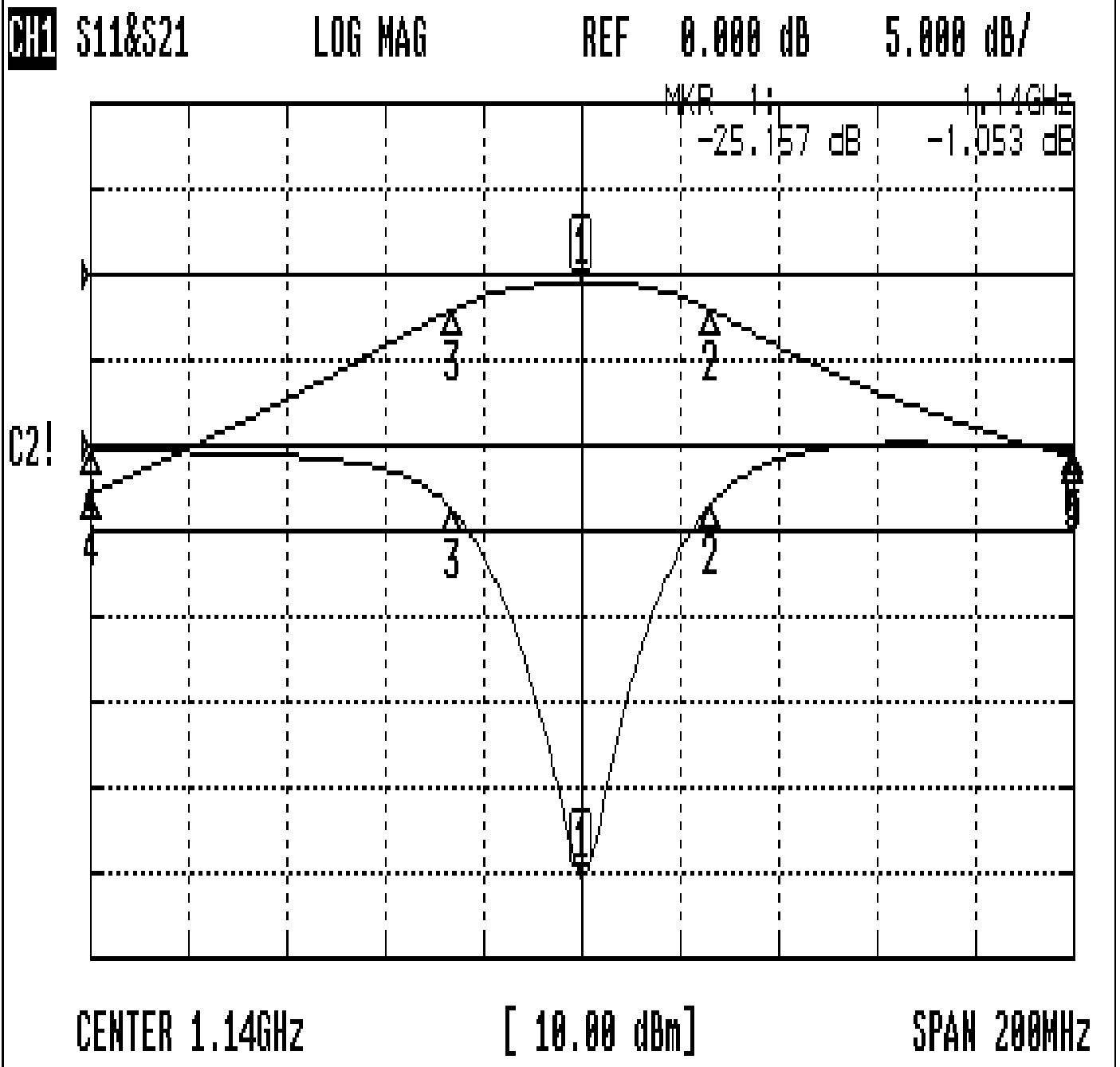


Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	7H2S(4*8.0) 7H046RB4

TEMWELL CORPORATION

Performance-TD67775B-1140M

20507143DC



CH1 MARKER LIST

1:	1.140 000GHz	-25.157 dB	-1.053 dB
2:	1.166 000GHz	-3.521 dB	-4.077 dB
3:	1.113 666GHz	-3.761 dB	-4.043 dB
4:	1.040 000GHz	-0.247 dB	-25.533 dB
5:	1.240 000GHz	-0.192 dB	-21.403 dB