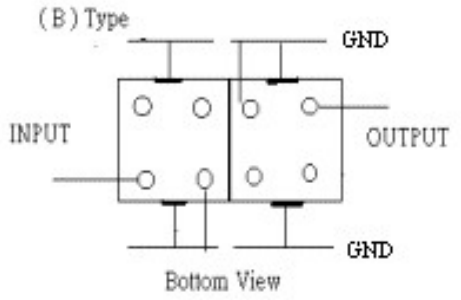
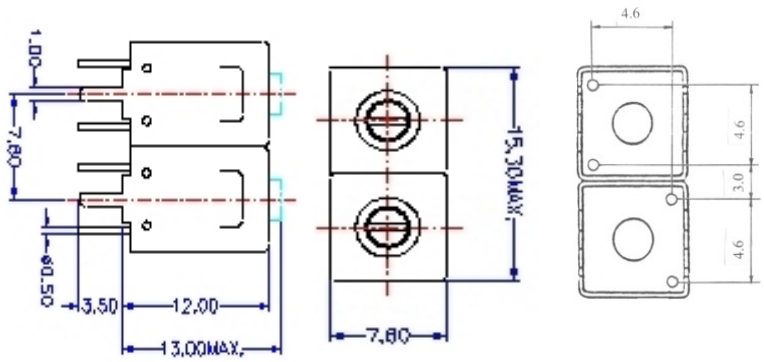
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TD67821B-630M
Approval No. /dated	20508069APR	Temwell's Print Name	67821B 630M
Work Instruction No.	20508069DC	Date	Sep.10.2005

(1)Pin Position



(2)Size Diagram



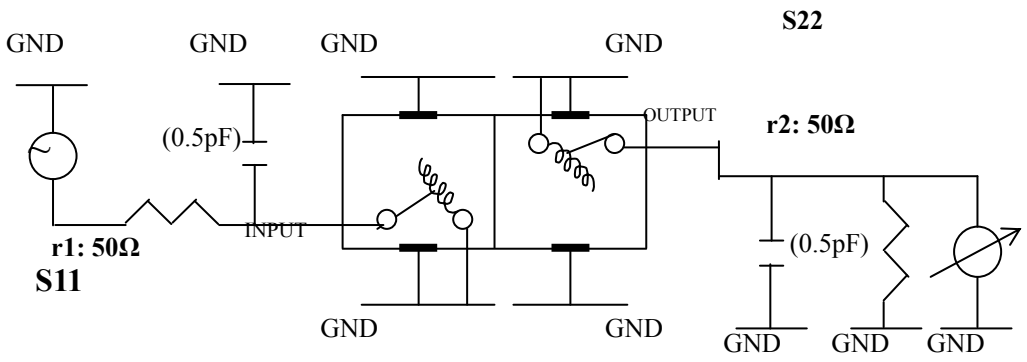
(3)Electric Character

Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		630	MHz	630	MHz
Tunable Range		630±5	MHz	630±5	MHz
Insertion Loss		Typ. 2.0	dB	0.89	dB
-3 dB Bandwidth		Typ. 35	MHz	37.8	MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 38	dBc	41	dBc
	Fo + 100 MHz	Typ. 23	dBc	26	dBc
	Fo - ( )MHz	Typ.	dBc		dBc
	Fo +( )MHz	Typ.	dBc		dBc
Return Loss		Min. 12	dB	20.1	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℃ ~+60℃
Storage Temperature	-20℃ ~+70℃
(6)Input Power	> 1Watt

(7)Measuring Circuit: ※Easy to match Impedance 50Ωby parallel with about (0.5) pF(0.5)pF.



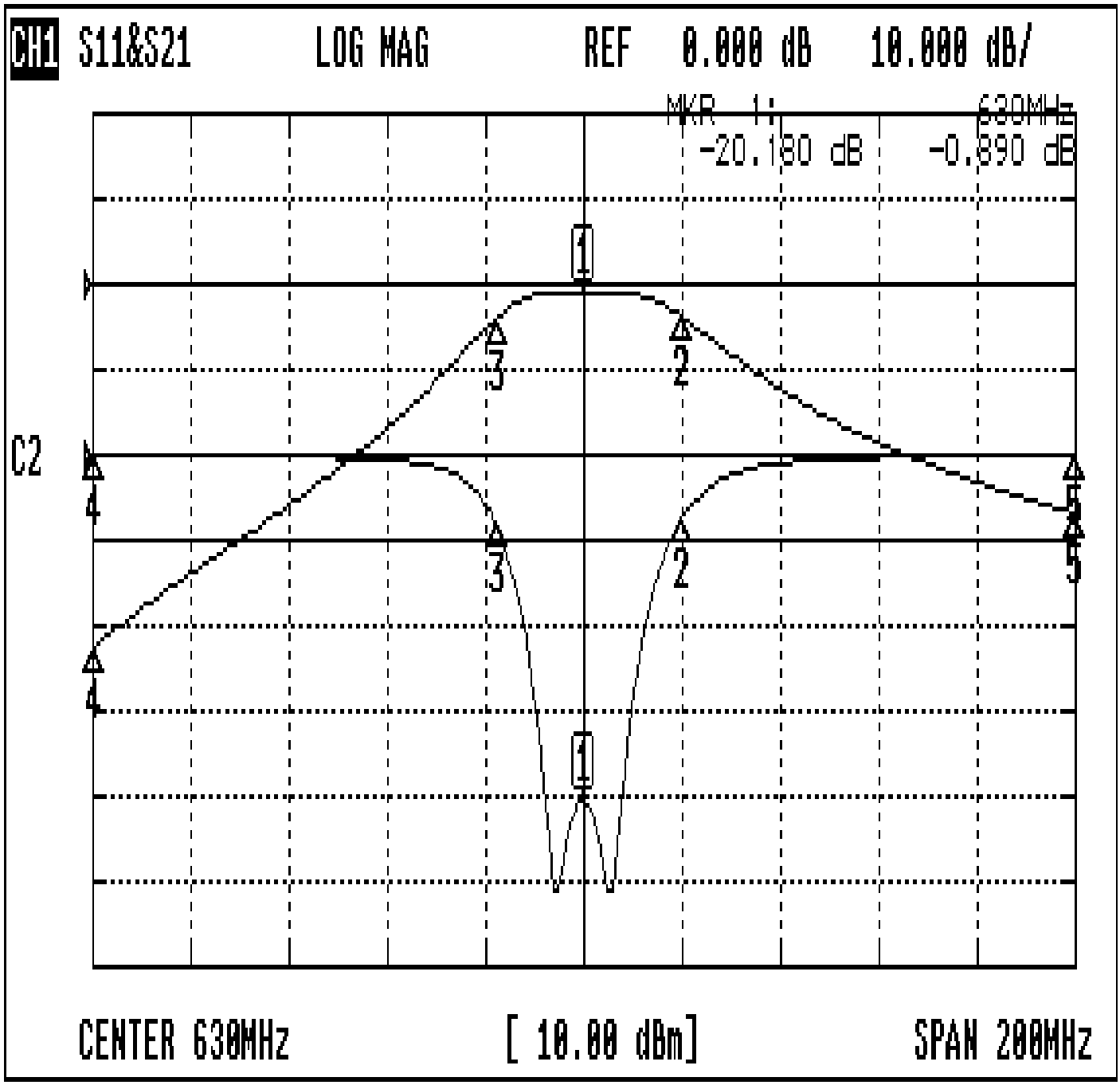
(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	W.W. Wang	7H2, 4*8.0(8.07) 7H046RB4

TEMWELL CORPORATION

Performance-TD67821B-630M

20508069DC



CH1 MARKER LIST

1:	630.000MHz	-20.180 dB	-0.890 dB
2:	650.166MHz	-3.634 dB	-3.862 dB
3:	612.333MHz	-4.044 dB	-3.845 dB
4:	530.000MHz	-0.031 dB	-42.685 dB
5:	730.000MHz	-0.014 dB	-26.890 dB