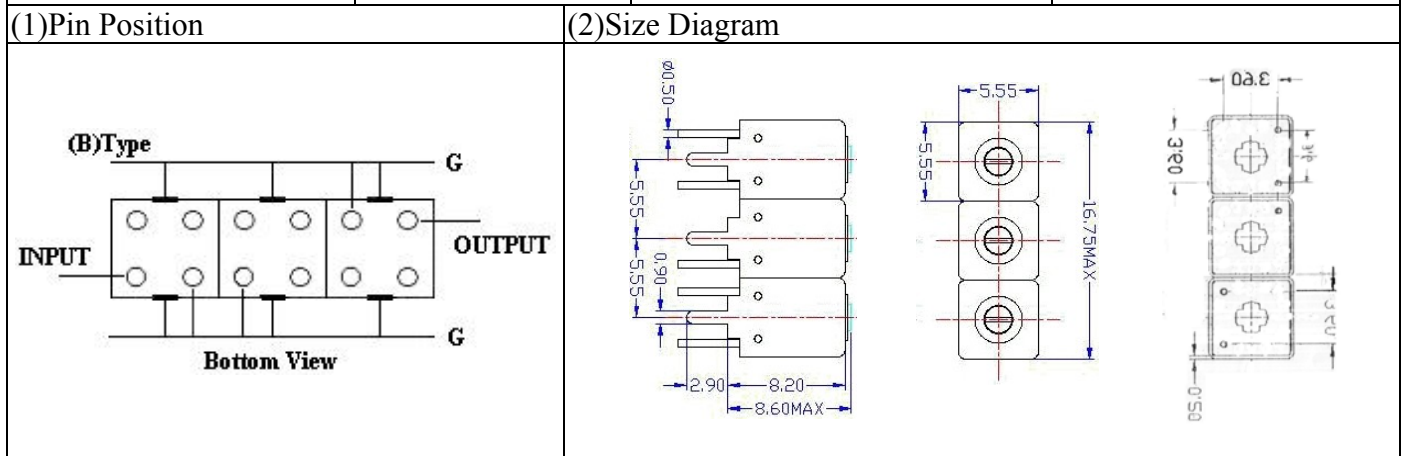
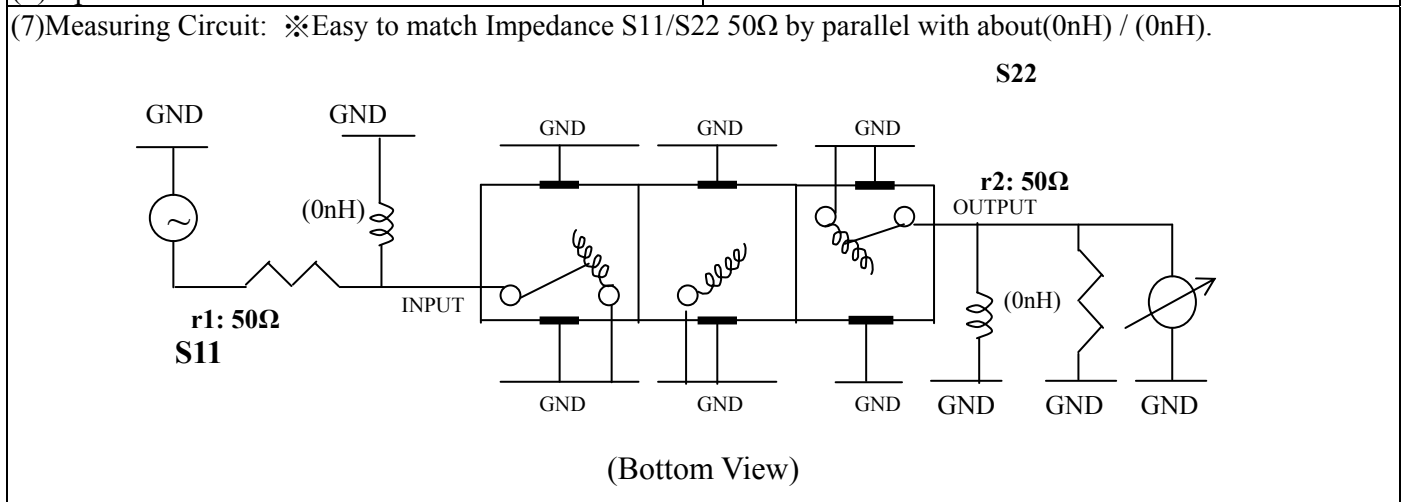


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTW3900B-1840M
Approval No. /dated	0807048CD	Temwell's Print Name	3900B 1840M
Work Instruction No.	0807048CD	Date	Jul.29.2008



(3) Electric Character			
Item	Specify		Performance
Center Freq.(Fo) +/- 0.5 %	1840	MHz	1840 MHz
Tunable Range:	1840±5	MHz	1840±5 MHz
Insertion Loss	Typ. 2.0	dB	1.74 dB
-3 dB Bandwidth	Typ. 109	MHz	125.5 MHz
Sensitivity (Attenuation)	Fo - 300 MHz	Typ. 48	dBc
	Fo + 300 MHz	Typ. 29	dBc
	Fo - ()MHz	Typ.	dBc
	Fo +()MHz	Typ.	dBc
Return Loss	Min. 12	dB	30.5 dB
Ripple	< 1	dB	dB
Impedance	In / Out : 50 Ω		In / Out : 50 Ω
(4) Torque for Tuning Screw			> 60gf · cm
(5) Temperature Condition:			
Operating Temperature	0°C ~ +60°C		
Storage Temperature	-20°C ~ +70°C		
(6) Input Power	> 0.5Watt		

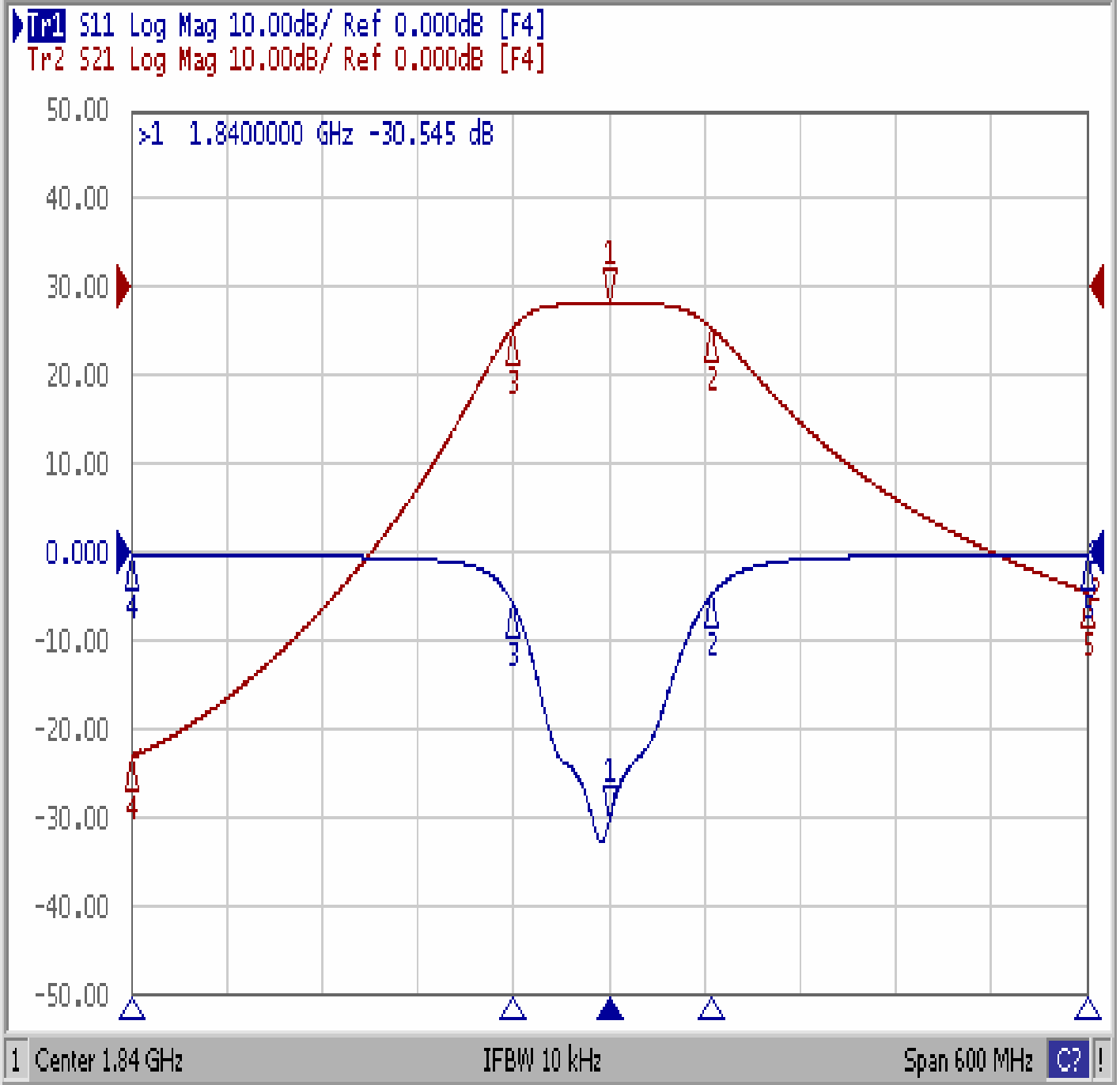


Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S.Chang	5W3S(3.8*4.5) 5HW046RB4

TEMWELL CORPORATION

Performance-TTW3900B-1840M

0807048CD



Ch1	Tr1	S11	>1	1.8400000	GHz	-30.545	dB
Ch1	Tr1	S11	2	1.9047900	GHz	-4.7596	dB
Ch1	Tr1	S11	3	1.7792953	GHz	-5.7288	dB
Ch1	Tr1	S11	4	1.5400000	GHz	-0.3778	dB
Ch1	Tr1	S11	5	2.1400000	GHz	-0.4300	dB
Ch1	Tr2	S21	1	1.8400000	GHz	-1.7463	dB
Ch1	Tr2	S21	2	1.9047900	GHz	-4.6725	dB
Ch1	Tr2	S21	3	1.7792953	GHz	-4.7137	dB
Ch1	Tr2	S21	4	1.5400000	GHz	-53.304	dB
Ch1	Tr2	S21	5	2.1400000	GHz	-34.548	dB