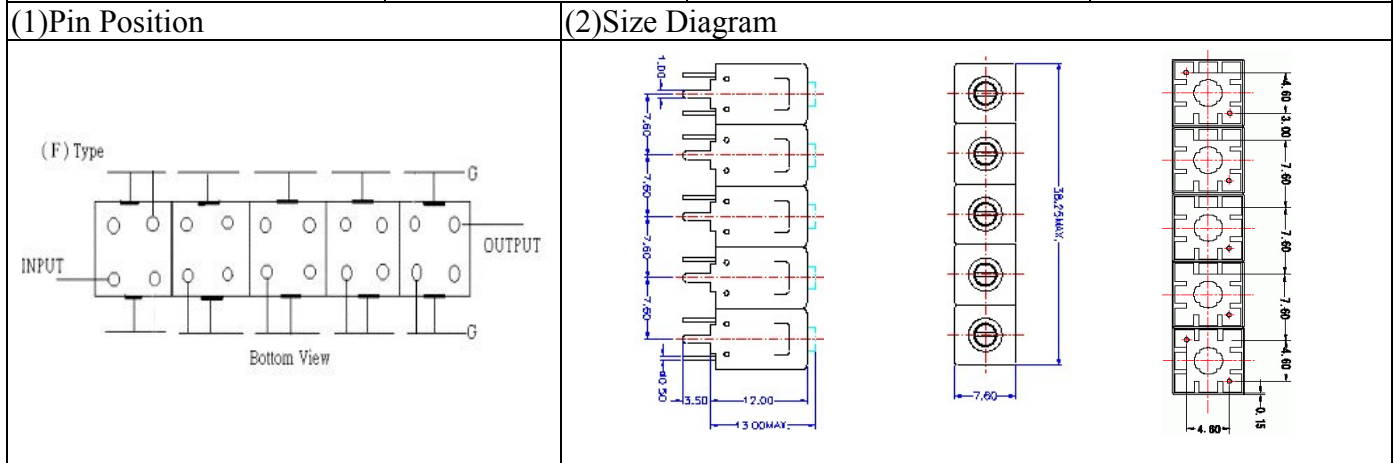


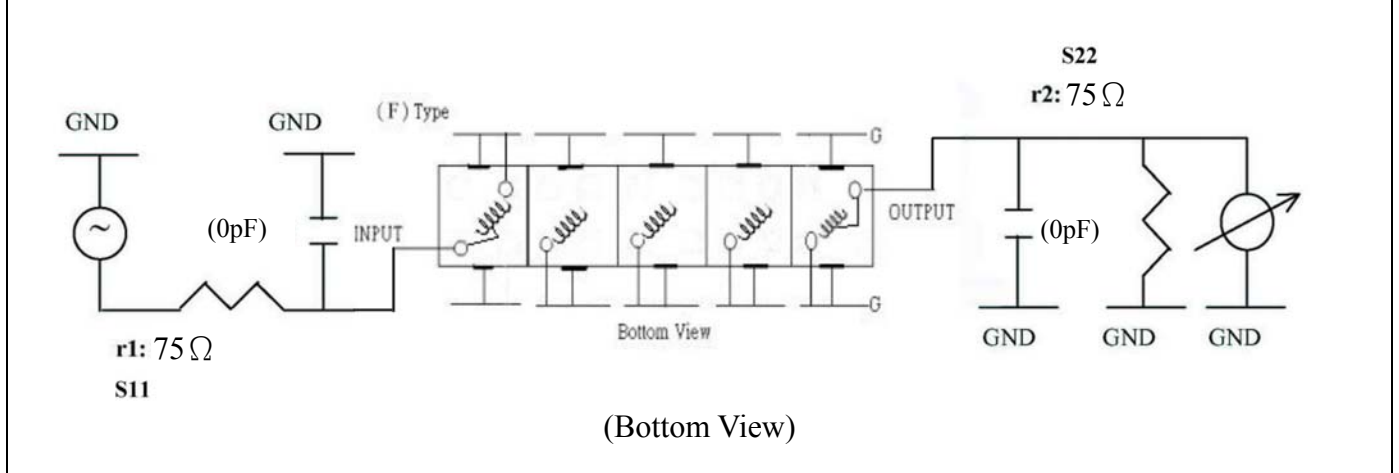
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TVL6526F-557M
Approval No. /dated	0909020CD	Temwell's Print Name.	6526F 557M
Work Instruction No.	200909020CD	Date	Sep.18.2009



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	557 MHz	557 MHz	
Insertion Loss	Typ. 6.5 dB	5.50 dB	
-3 dB Bandwidth	Typ. 8.0 MHz	11.6 MHz	
Sensitivity (Attenuation)	Fo - (15) MHz	Typ. 43 dB	46 dB
	Fo +(15) MHz	Typ. 40 dB	43 dB
	Fo - (9)MHz	Typ. 19 dB	22 dB
	Fo +(9)MHz	Typ. 17 dB	20 dB
Return Loss	Min. 12 dB	24.7 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 75 Ω	In / Out : 75 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 75Ω by parallel with about(0 pF) / (0 pF).



Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	7H5S(4*4.65)(4.71) 7H046RB4

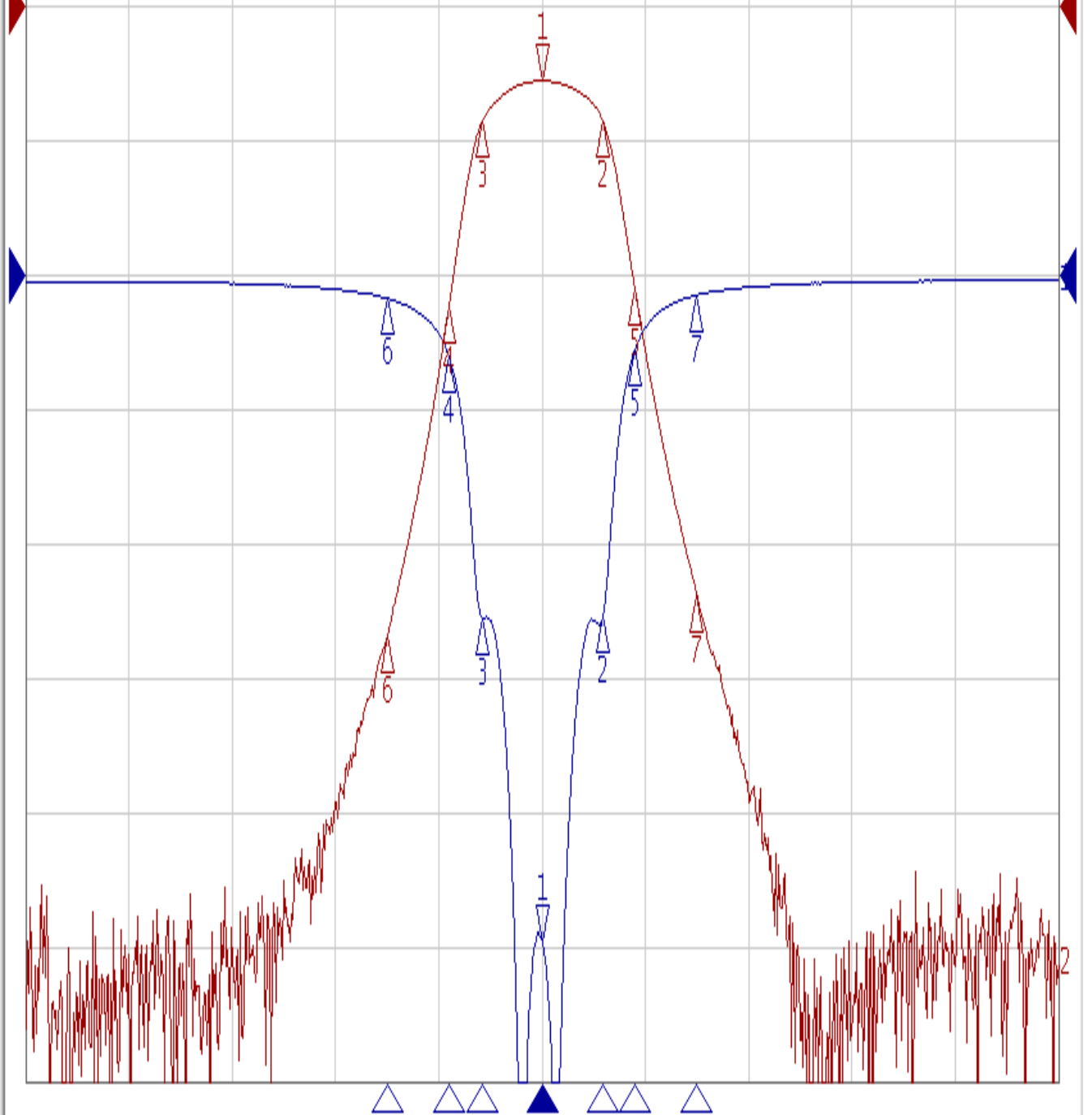
TEMWELL CORPORATION

Performance-TVL6526F-557M

200909020CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]

1	557.00000	MHz	-5.5022	dB	>1	557.00000	MHz	-24.744	dB
2	562.88700	MHz	-8.4719	dB	2	562.88700	MHz	-12.696	dB
3	551.26900	MHz	-8.4663	dB	3	551.26900	MHz	-12.742	dB
4	548.00000	MHz	-22.278	dB	4	548.00000	MHz	-3.0059	dB
5	566.00000	MHz	-20.939	dB	5	566.00000	MHz	-2.7680	dB
6	542.00000	MHz	-46.883	dB	6	542.00000	MHz	-0.8549	dB
7	572.00000	MHz	-43.831	dB	7	572.00000	MHz	-0.7136	dB



1 Center 557 MHz

IFBW 10 kHz

Span 100 MHz Cor !