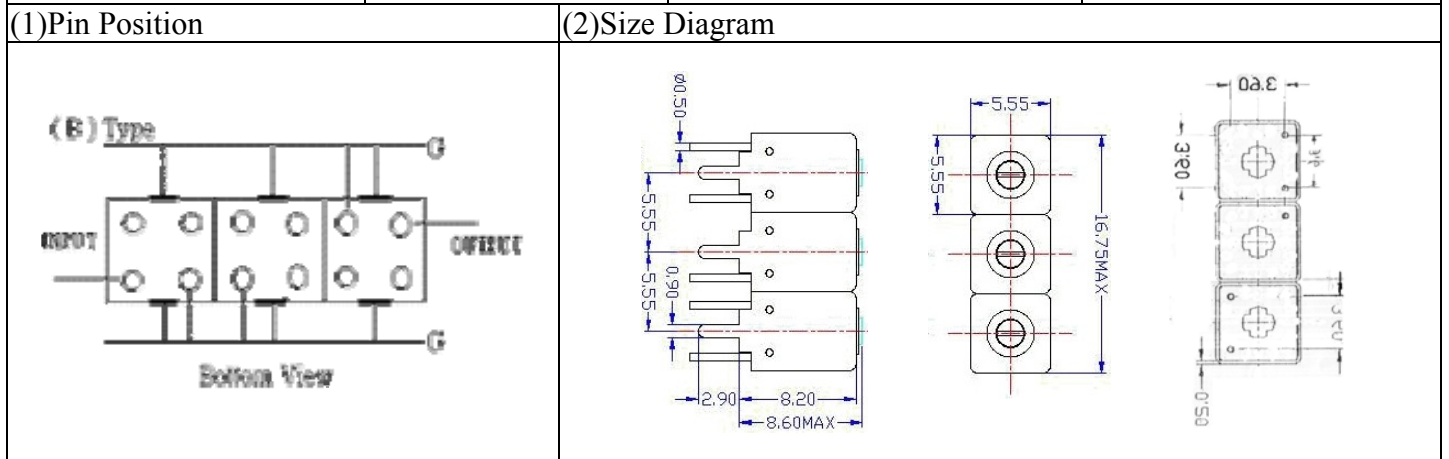


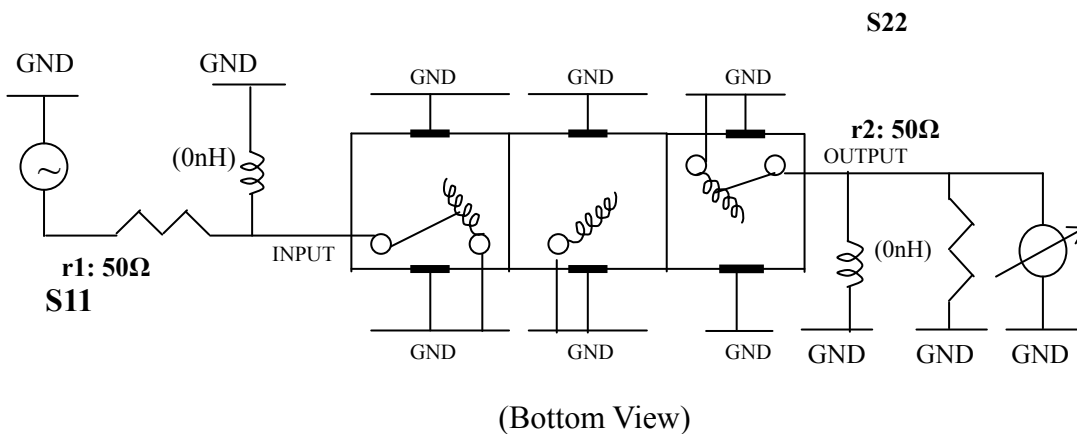
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTW3856B-1920M
Approval No. /dated	0605056APR	Acceptable Specify Fo Range	1901-1950 MHz
Work Instruction No.	0605056DC	Date	Jun.01.2006



(3) Electric Character		Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %			1920 MHz	1920 MHz
Tunable Range:			1920±5 MHz	1920±5 MHz
Insertion Loss		Typ.	3.0 dB	1.70 dB
-3 dB Bandwidth		Typ.	145 MHz	161.6 MHz
Sensitivity (Attenuation)	Fo - 250 MHz	Typ.	41 dBc	44 dBc
	Fo + 250 MHz	Typ.	17 dBc	20 dBc
	Fo - ()MHz	Typ.	dBc	dBc
	Fo +()MHz	Typ.	dBc	dBc
Return Loss		Min.	12 dB	22.8 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	

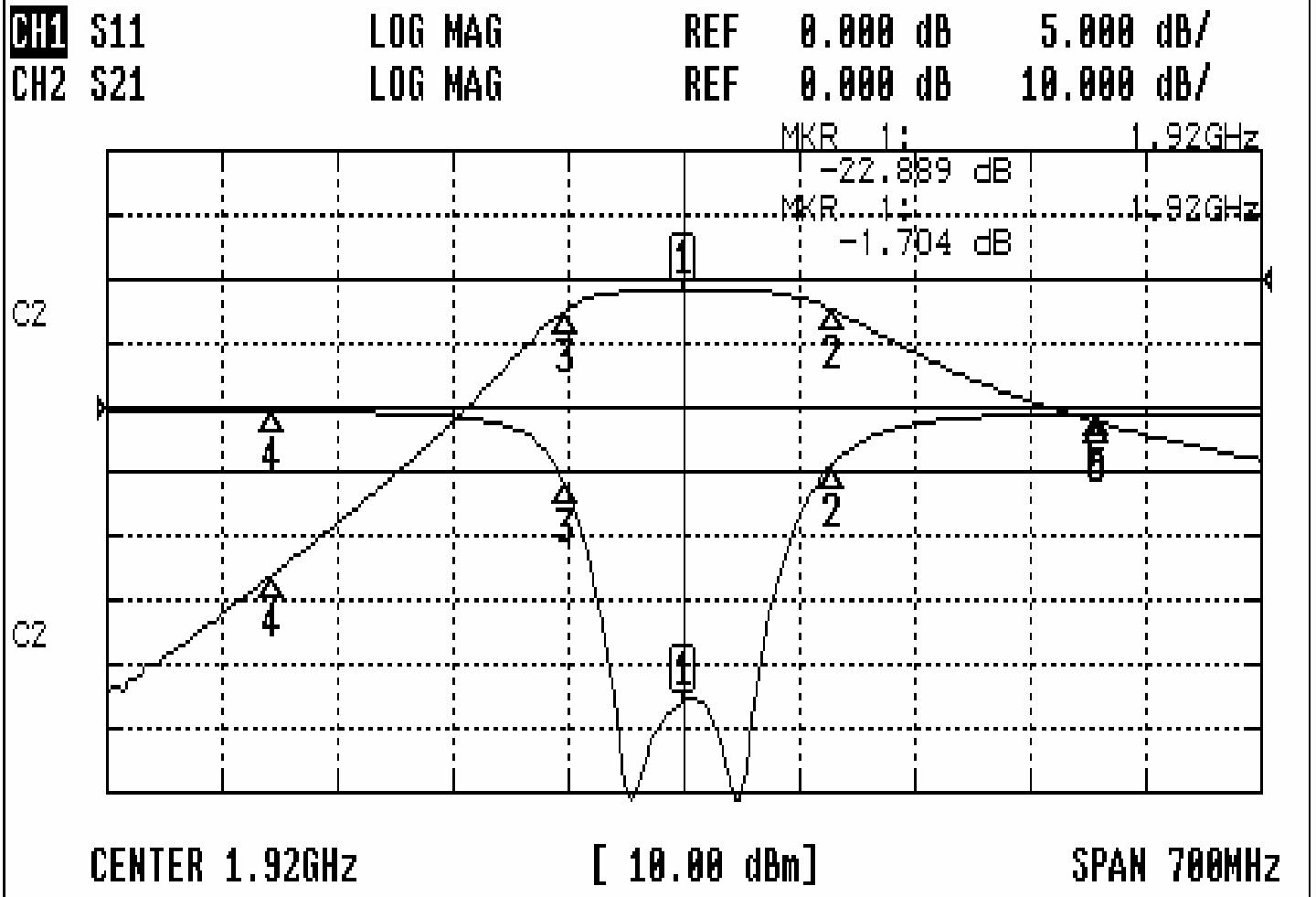
(7) Measuring Circuit: ※ Easy to match Impedance S11/S22 50Ω by parallel with about(0nH) / (0nH).



Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	P.H. Chiang	5W3(3.8*5.1)(5.11) 5HW046RB4
TEMWELL CORPORATION			

Performance-TTW3856B-1920M

0605056DC



CH1 MARKER LIST

1	1.920	000GHz	-22.889	dB
2	2.009	833GHz	-4.497	dB
3	1.848	250GHz	-5.986	dB
4	1.670	000GHz	-0.317	dB
5	2.170	000GHz	-0.509	dB

CH2 MARKER LIST

1	1.920	000GHz	-1.704	dB
2	2.009	833GHz	-4.777	dB
3	1.848	250GHz	-4.765	dB
4	1.670	000GHz	-46.153	dB
5	2.170	000GHz	-22.240	dB