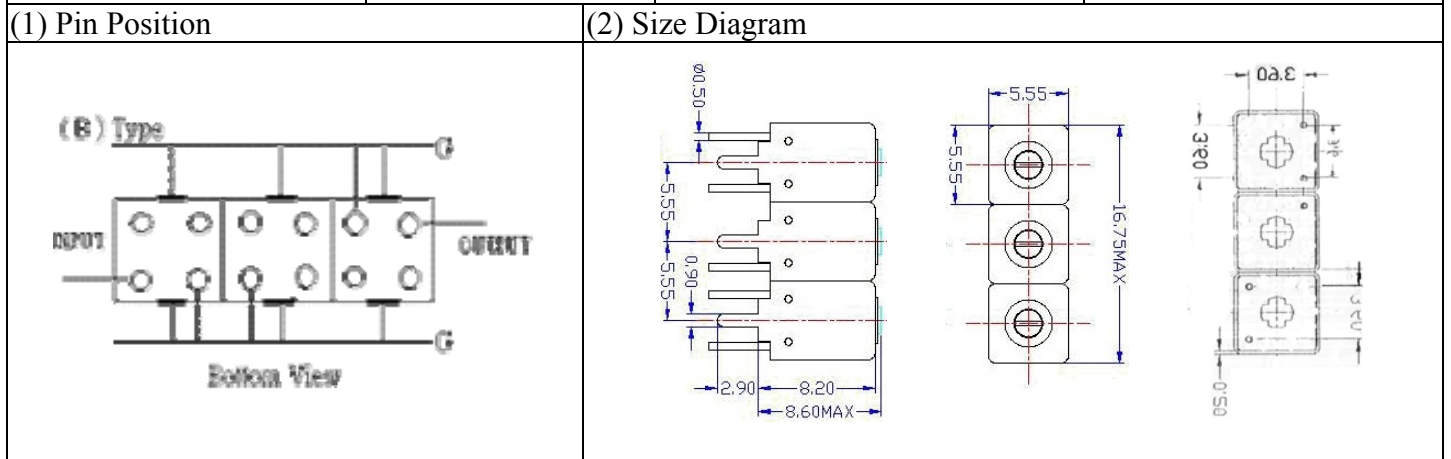


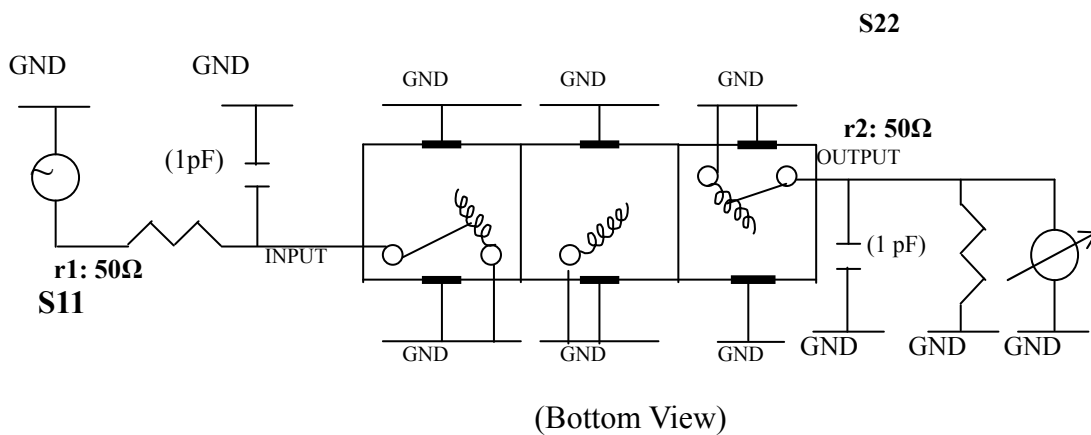
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTW3777B-1125M
Approval No. /dated	0512031APR	Acceptable Specify Fo Range	1101-1150 MHz
Work Instruction No.	0512031DC	Date	Jan.13.2006



(3) Electric Character		Item	Specify	Performance
Center Freq. (Fo) +/- 0.5 %			1125 MHz	1125 MHz
Tunable Range:			1125±5 MHz	1125±5 MHz
Insertion Loss		Typ.	3.0 dB	2.16 dB
-3 dB Bandwidth		Typ.	40 MHz	50.5 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ.	32 dBc	35 dBc
	Fo + 100 MHz	Typ.	19 dBc	22 dBc
	Fo - ()MHz	Typ.	dBc	dBc
	Fo +()MHz	Typ.	dBc	dBc
Return Loss		Min.	12 dB	17.5 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	

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(1pF) / (1pF).

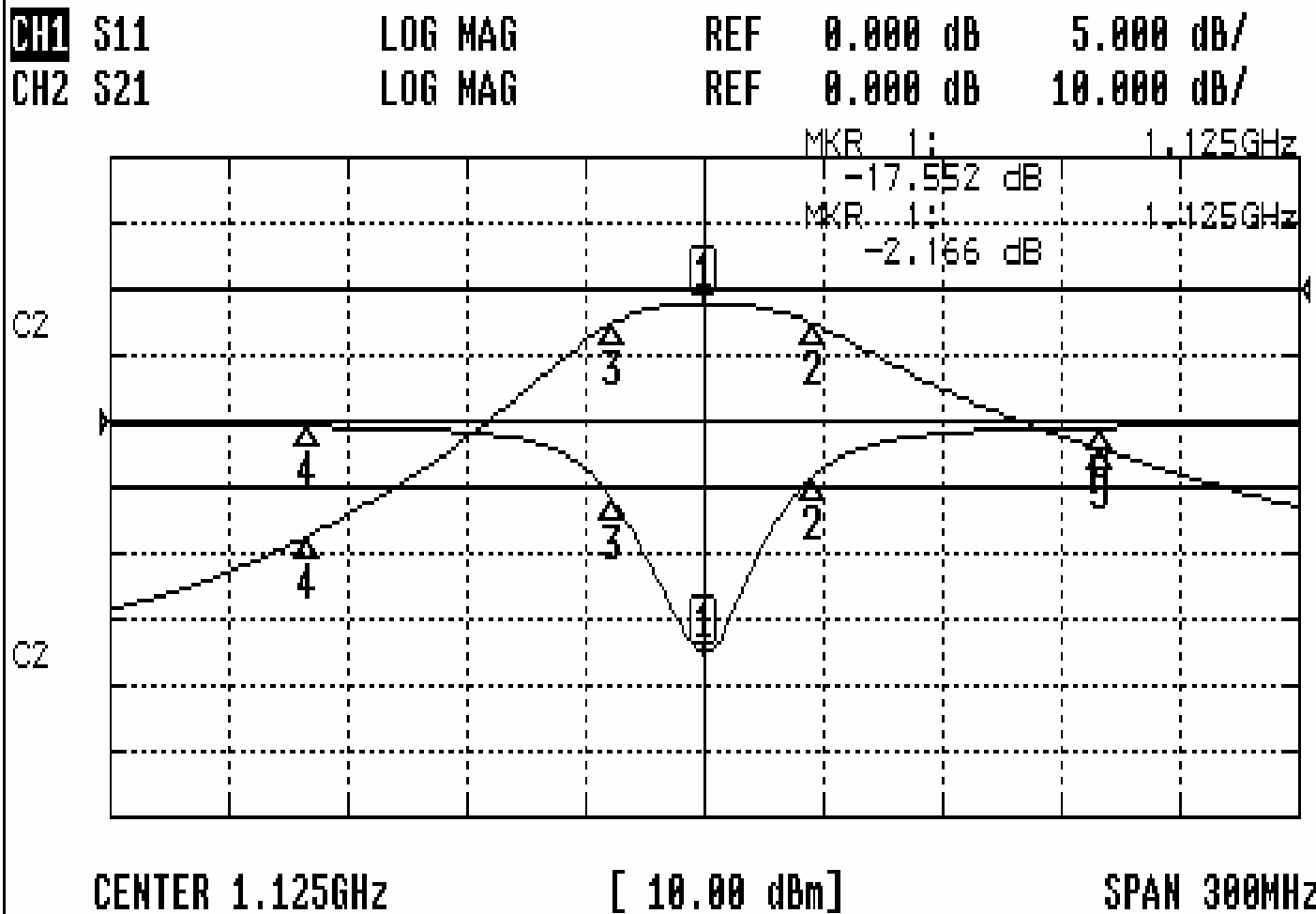


Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	5W3, 3.8*4.0 (4.26) 5HW046RB3.2

TEMWELL CORPORATION

Performance-TTW3777B-1125M

0512031DC



CH1 MARKER LIST

1	1.125	000GHz	-17.552	dB
2	1.152	250GHz	-4.242	dB
3	1.101	750GHz	-5.787	dB
4	1.025	000GHz	-0.413	dB
5	1.225	000GHz	-0.456	dB

CH2 MARKER LIST

1	1.125	000GHz	-2.166	dB
2	1.152	250GHz	-1.149	dB
3	1.101	750GHz	-1.192	dB
4	1.025	000GHz	-37.347	dB
5	1.225	000GHz	-24.214	dB