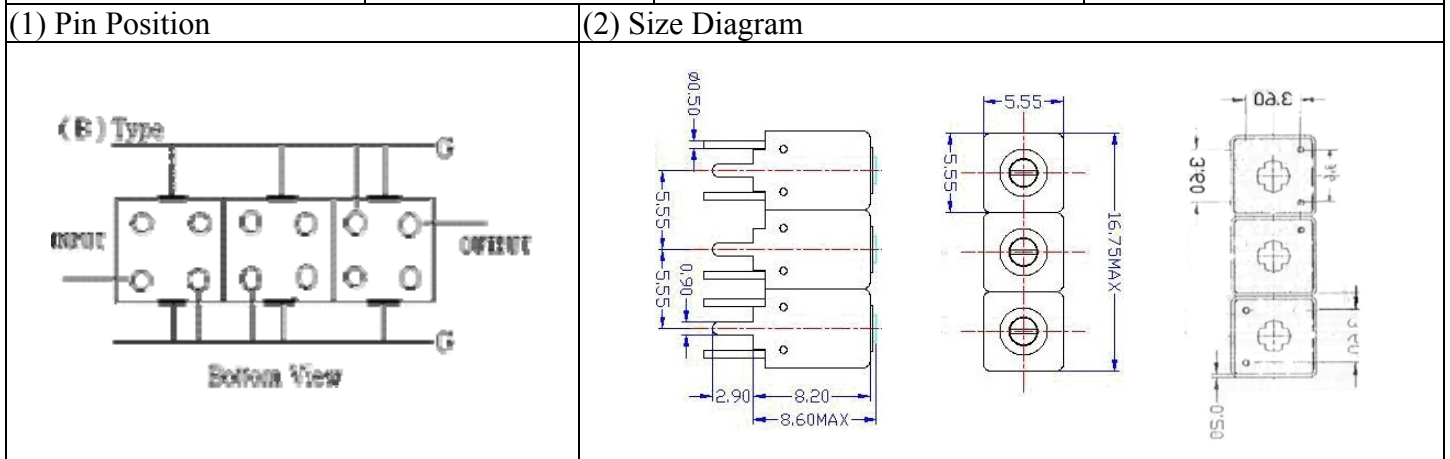


# VHF UHF Helical Filter Specification Sheet

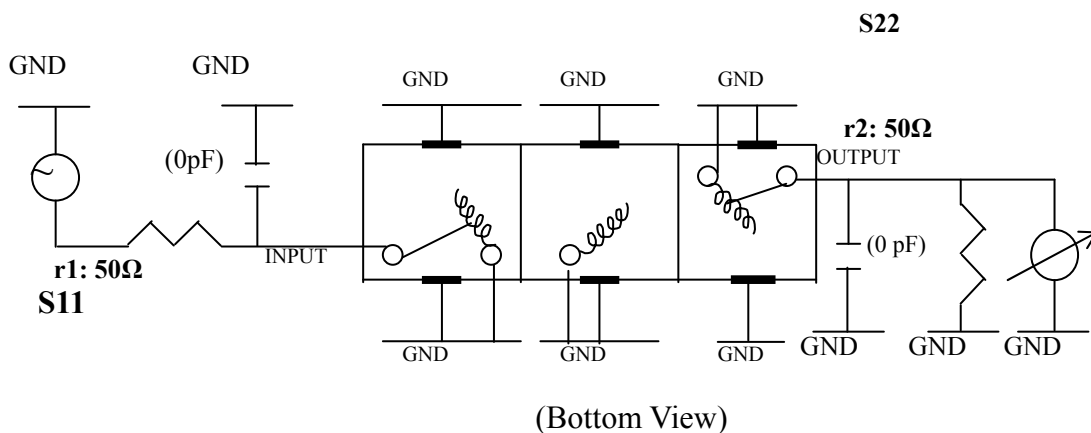
Customer Name		Temwell's Part No.	TTW3785B-1125M
Approval No. /dated	0512039APR	Acceptable Specify Fo Range	1101-1150 MHz
Work Instruction No.	0512039DC	Date	Jan.13.2006



Item		Specify		Performance	
Center Freq. (Fo) +/- 0.5 %		1125	MHz	1125	MHz
Tunable Range:		1125±5	MHz	1125±5	MHz
Insertion Loss		Typ. 2.5	dB	1.68	dB
-3 dB Bandwidth		Typ. 48	MHz	56.8	MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 29	dBc	32	dBc
	Fo + 100 MHz	Typ. 18	dBc	21	dBc
	Fo - ( )MHz	Typ.	dBc		dBc
	Fo +( )MHz	Typ.	dBc		dBc
Return Loss		Min. 12	dB	21.5	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(0pF) / (0pF).



Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	5W3, 3.8*4.5 (4.58) 5HW046RB3.2

TEMWELL CORPORATION

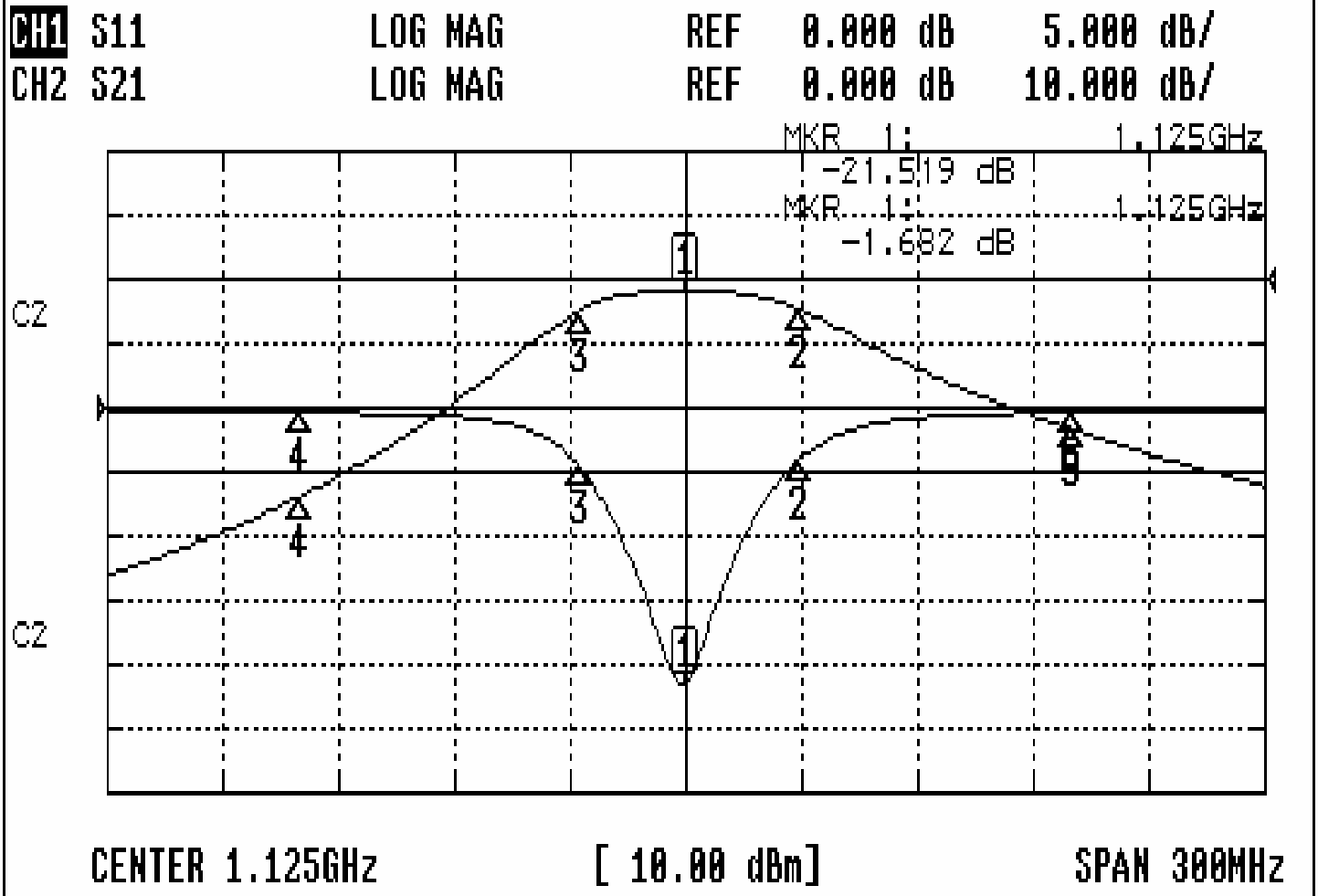
TEMWELL

Form10-5W3B Vision D

RP: C.S. Chang

# Performance-TTW3785B-1125M

## 0512039DC



### CH1 MARKER LIST

1	1.125000	GHz	-21.519	dB
2	1.154500	GHz	-3.670	dB
3	1.097500	GHz	-4.670	dB
4	1.025000	GHz	-0.303	dB
5	1.225000	GHz	-0.373	dB

### CH2 MARKER LIST

1	1.125000	GHz	-1.682	dB
2	1.154500	GHz	-4.670	dB
3	1.097500	GHz	-4.670	dB
4	1.025000	GHz	-3.800	dB
5	1.225000	GHz	-23.227	dB