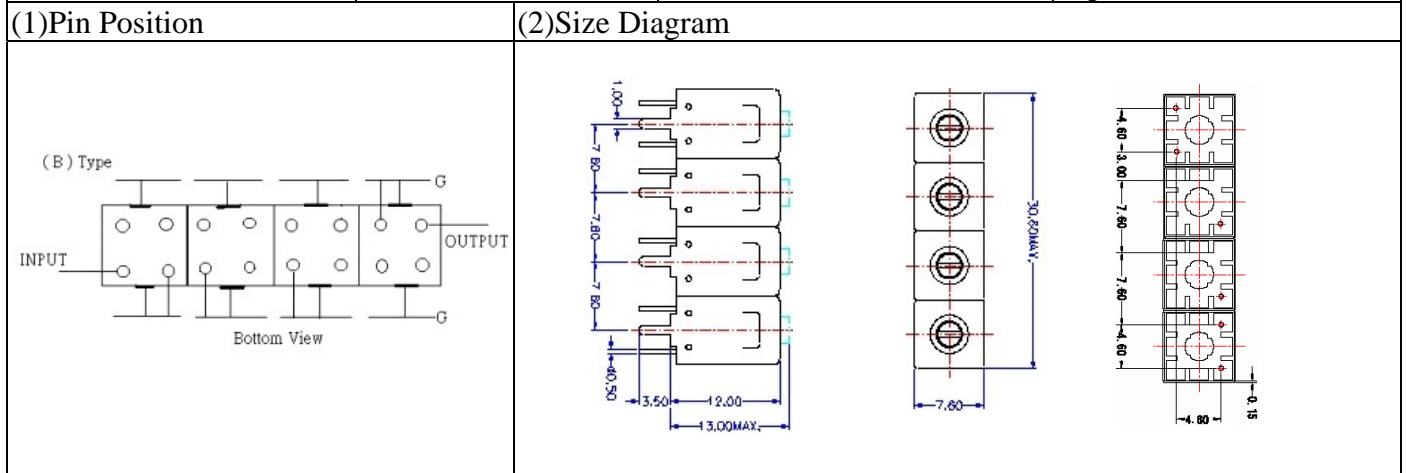


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69652B-725M
Approval No. /dated	0509082APR	Acceptable Specify Fo Range	701~750MHz
Work Instruction No.	0509082DC	Date	Sep.29.2005



(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	725 MHz	725 MHz	
Insertion Loss	Typ. 2.5 dB	1.52 dB	
-3 dB Bandwidth	Typ. 55 MHz	59.5 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 21 dBc	24 dBc
	Fo + 50 MHz	Typ. 15 dBc	18 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20.5 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

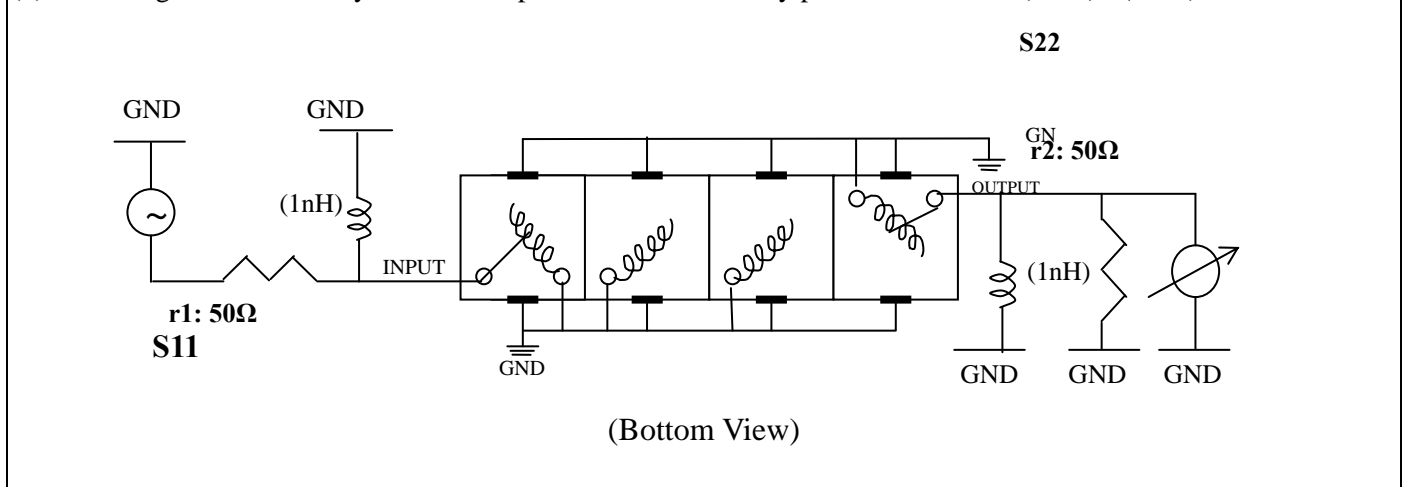
(4)Torque for Tuning Screw > 100gf · cm

(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 50 by parallel with about(1 nH) / (1 nH).

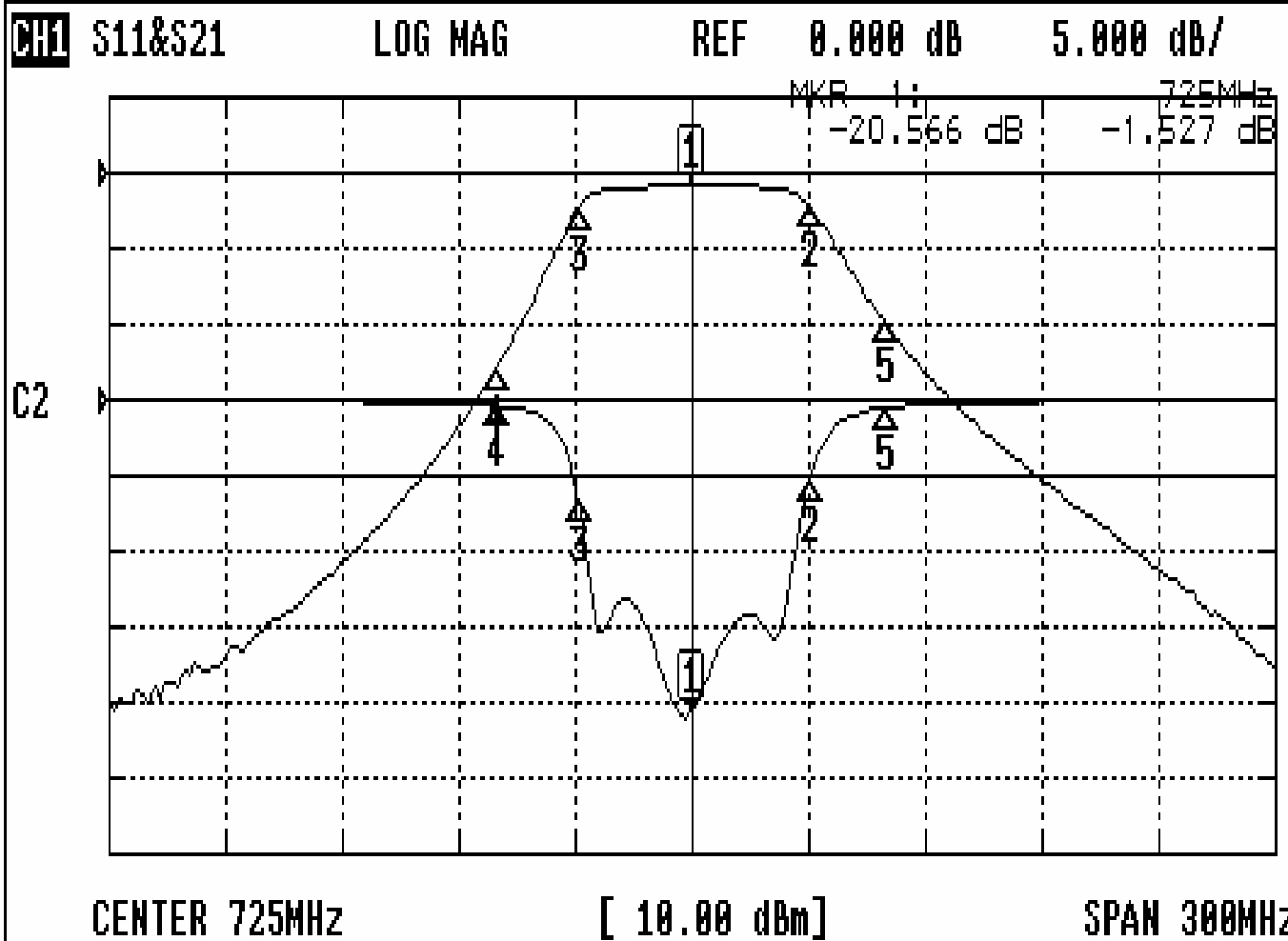


Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	7H4, 4*7.5 7H046LB5

TEMWELL CORPORATION

Performance-TF69652B-725M

0509082DC



CH1 MARKER LIST

1:	725.000MHz	-20.566 dB	-1.527 dB
2:	755.500MHz	-5.216 dB	-4.462 dB
3:	696.000MHz	-6.662 dB	-4.489 dB
4:	675.000MHz	-0.404 dB	-25.785 dB
5:	775.000MHz	-0.507 dB	-19.950 dB
6:			
7:			
8:			
9:			
10:			