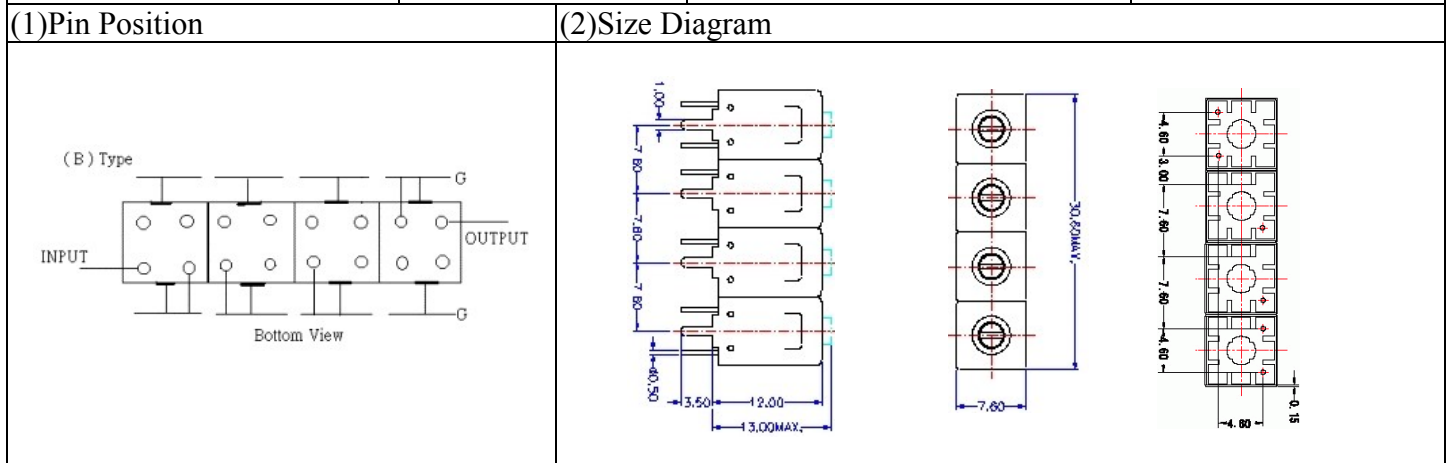


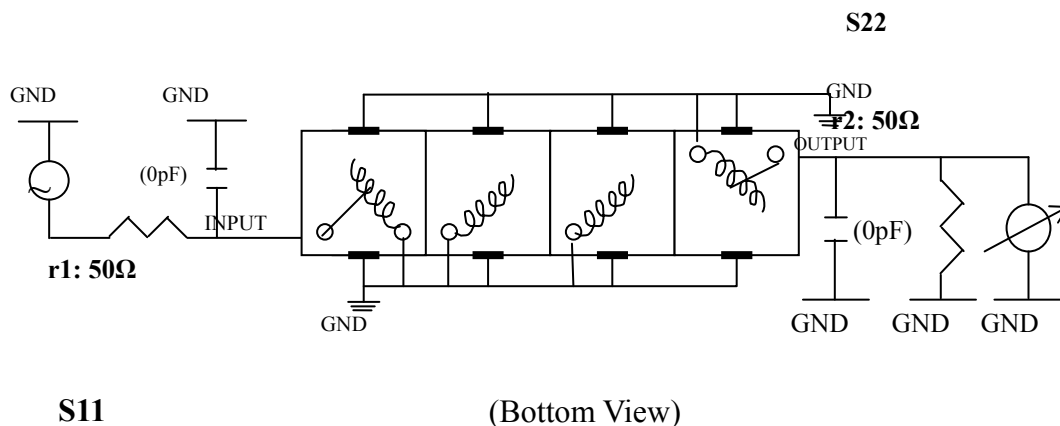
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69452B1-325M
Approval No. /dated	0712096APR	Acceptable Specify Fo Range	311~355MHz
Work Instruction No.	0712096CD	Date	Jan.08.2008



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		325 MHz	325 MHz
Insertion Loss		Typ. 5.5 dB	4.46 dB
-1 dB Bandwidth		Typ. 5 MHz	7.2 MHz
-3 dB Bandwidth		Typ. 8 MHz	10 MHz
Sensitivity (Attenuation)	Fo - 10 MHz	Typ. 18 dBc	21 dBc
	Fo + 10 MHz	Typ. 11 dBc	14 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	27.2 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		> 1 Watt	

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



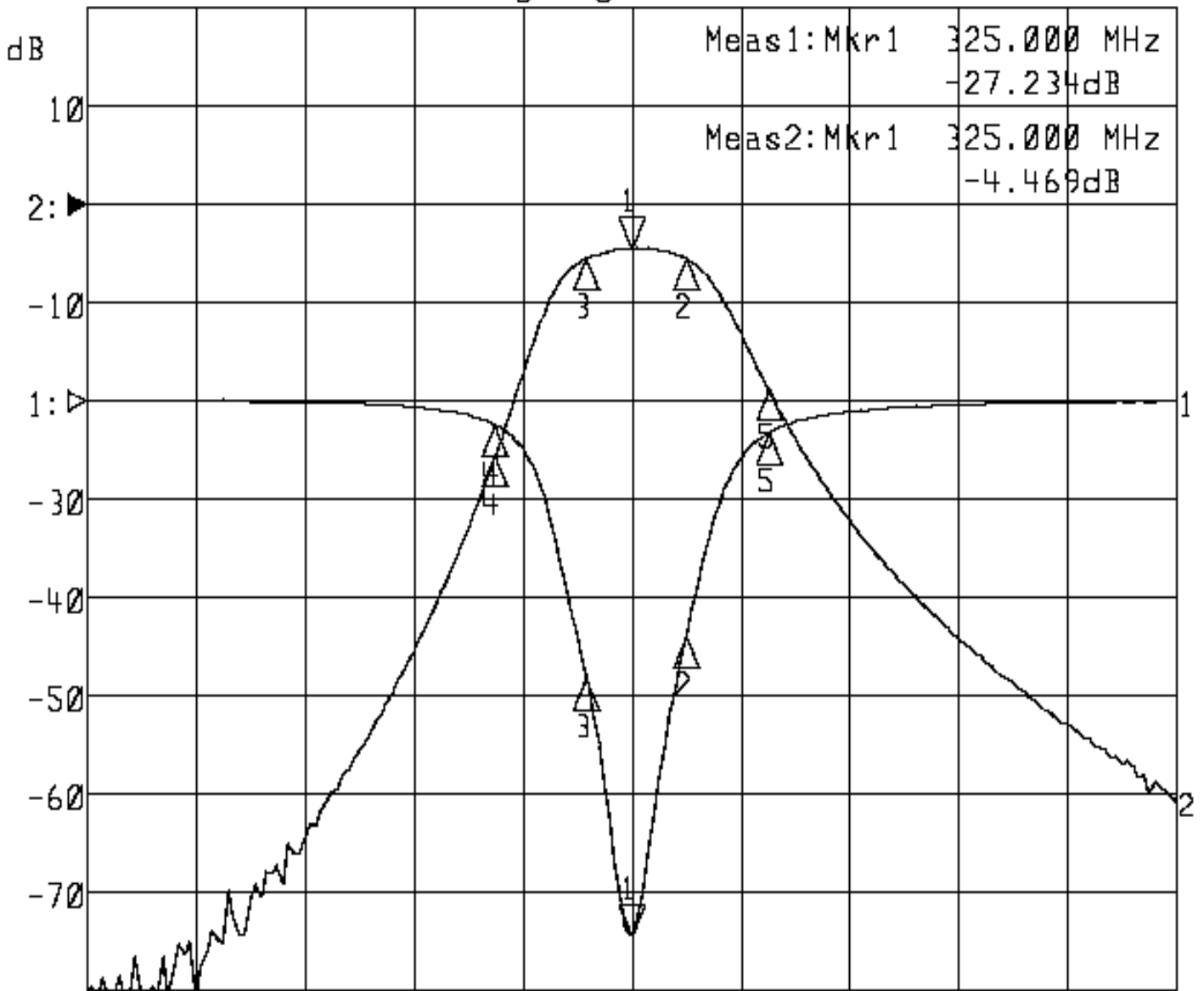
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	Y.H.Chuan	7H4(4*7.35)F 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TF69452B1-325M

0712096CD

▷1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 325.000 MHz

Span 80.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 325.0000	-27.234	1> 325.0000	-4.469
2: 328.9733	-11.981	2: 328.9733	-5.460
3: 321.7200	-14.112	3: 321.7200	-5.466
4: 315.0000	-1.210	4: 315.0000	-25.568
5: 335.0000	-1.619	5: 335.0000	-18.671