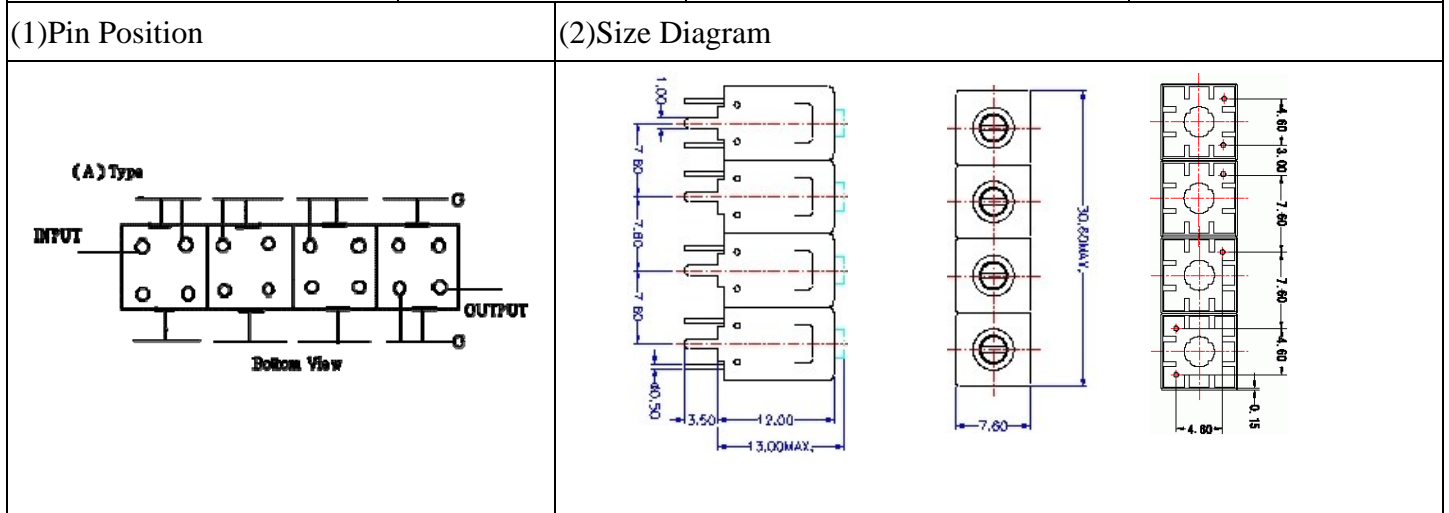


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69338A-1170M
Approval No. /dated	2009037DC	Acceptable Specify Fo. Range	1101~1180MHz
Work Instruction No.	2009037DC	Date	Oct.05.2000



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	1170 MHz	1170	MHz
Insertion Loss	Typ. 5.5 dB	4.65	dB
-1 dB Bandwidth	Typ. 30 MHz	36.1	MHz
-3 dB Bandwidth	Typ. 35 MHz	42.0	MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 55 dBc	59 dBc
	Fo + 100 MHz	Typ. 45 dBc	46 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	28.6	dB
Ripple	< 1 dB	1	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4) Torque for Tuning Screw	> 100gf • cm
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(5) Temperature Condition:	
Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power	> 1Watt
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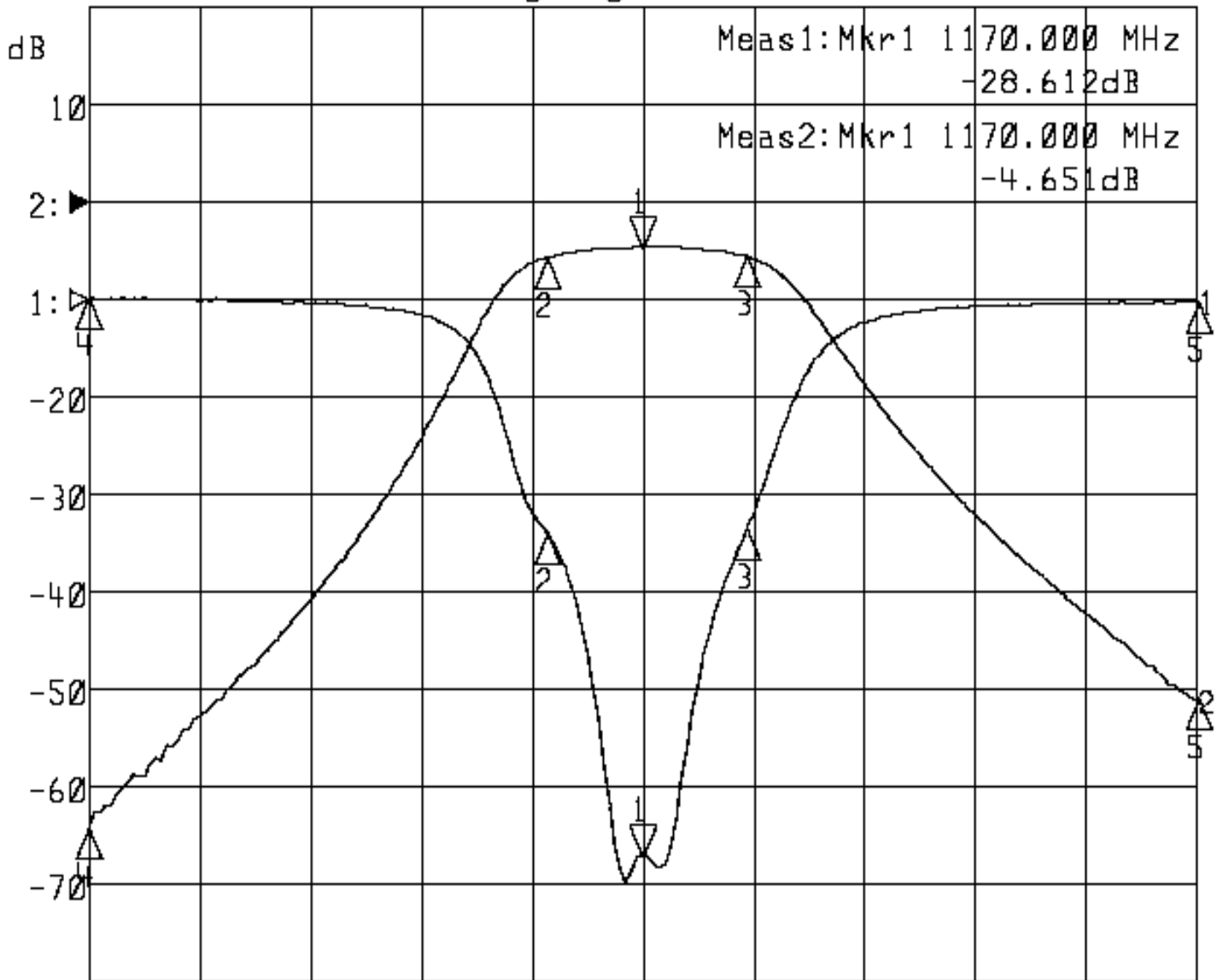
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	翁志銘	7H4S(4*6.5) 7H046LB4 聚 3

TEMWELL CORPORATION

# Performance-TF69338A-1170M

## 2009037DC

▶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 1 170.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1170.0000	-28.612	1> 1170.0000	-4.651
2: 1152.7333	-11.944	2: 1152.7333	-5.662
3: 1188.8667	-11.698	3: 1188.8667	-5.577
4: 1070.0000	0.090	4: 1070.0000	-64.152
5: 1270.0000	-0.103	5: 1270.0000	-51.114