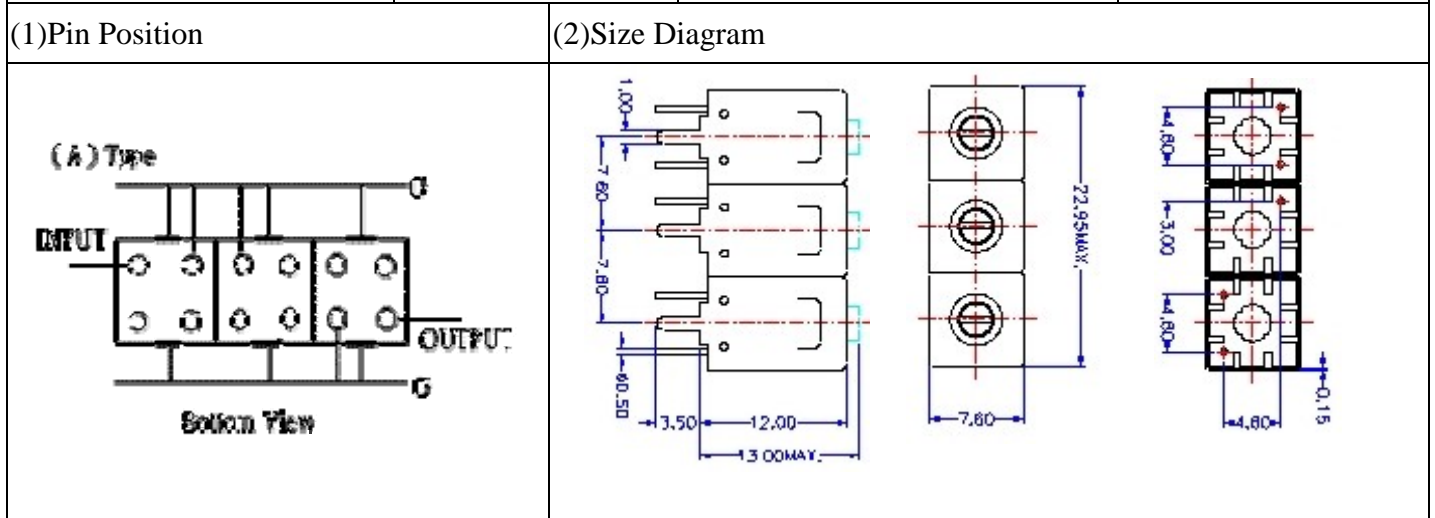


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67342A-960M
Approval No. /dated	2008058D	Acceptable Specify Fo. Range	951~975MHz
Work Instruction No.	2008058D	Date	Sep.07.2000



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	960 MHz	960 MHz	
Tunable Range	960±5 MHz	960±5 MHz	
Insertion Loss	Typ. 2.5 dB	1.5 dB	
-3 dB Bandwidth	Typ. 50 MHz	60 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 38 dBc	41 dBc
	Fo + 100 MHz	Typ. 23 dBc	26 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	24.4 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

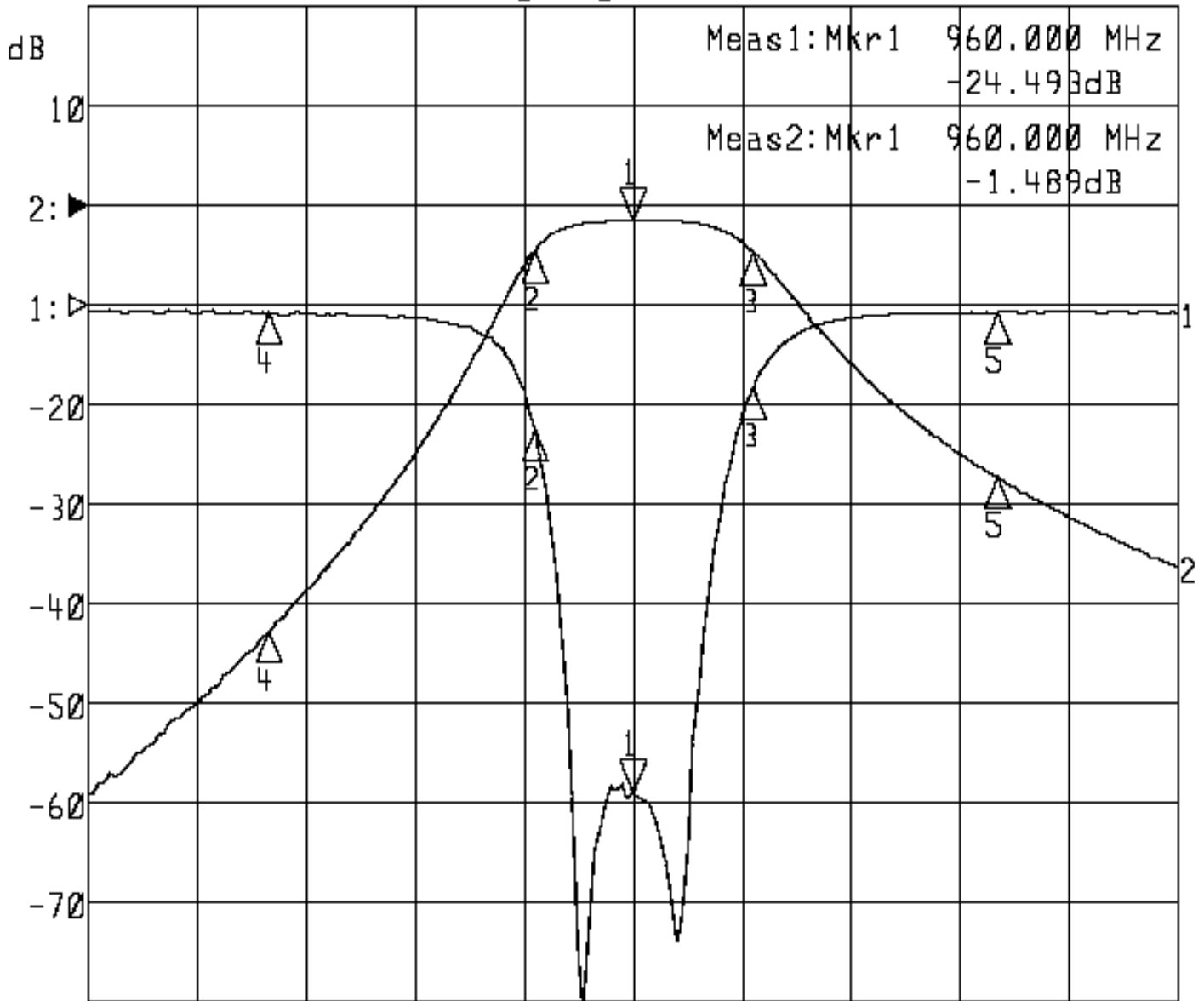
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*8.0) 7H046LB5

TEMWELL CORPORATION

Performance-TT67342A-960M

2008058D

▶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



Meas1: Mkr1 960.000 MHz
 -24.493dB
 Meas2: Mkr1 960.000 MHz
 -1.489dB

Center 960.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 960.0000	-24.493	1> 960.0000	-1.489
2: 933.0000	-6.221	2: 933.0000	-4.493
3: 993.1000	-4.144	3: 993.1000	-4.642
4: 860.0000	-0.420	4: 860.0000	-42.733
5: 1060.0000	-0.372	5: 1060.0000	-27.262