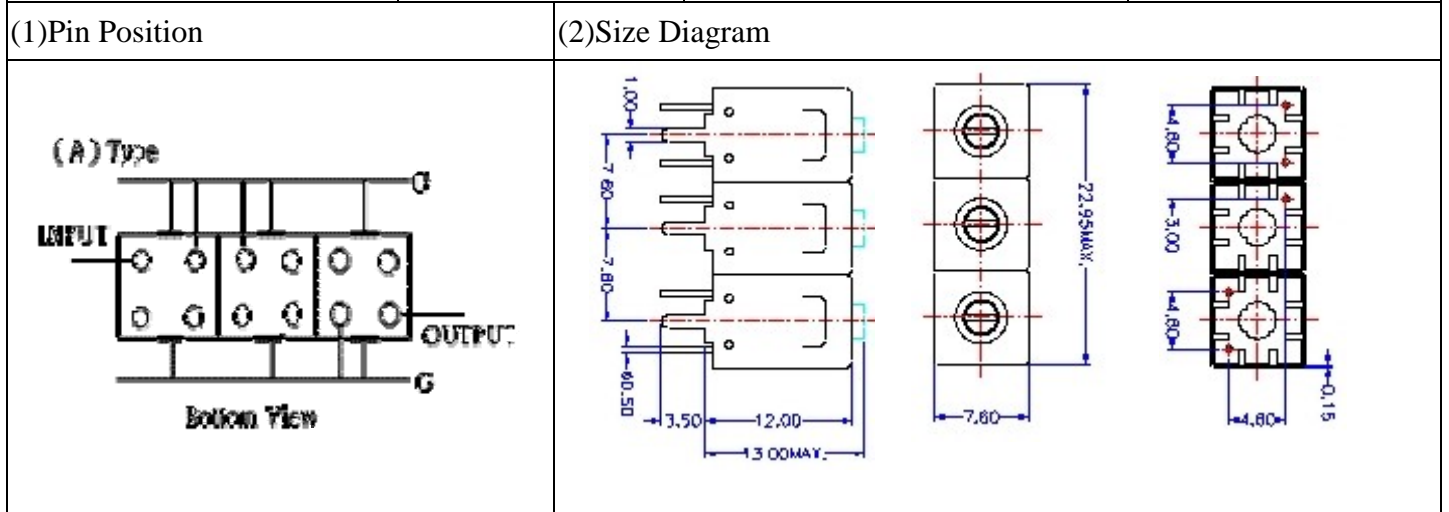


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67153A-960M
Approval No. /dated		Acceptable Specify Fo. Range	951~975MHz
Work Instruction No.	20112036B	Date	Dec.19.2001



(3)Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	960 MHz	960 MHz
Tunable Range	960±10 MHz	960±10 MHz
Insertion Loss	Typ. 6.0 dB	5.0 dB
-3 dB Bandwidth	Typ. 7 MHz	12 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 50 dBc
	Fo + 50 MHz	Typ. 40 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	29.5 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		
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*4.65) 7H046LB4 聚 3

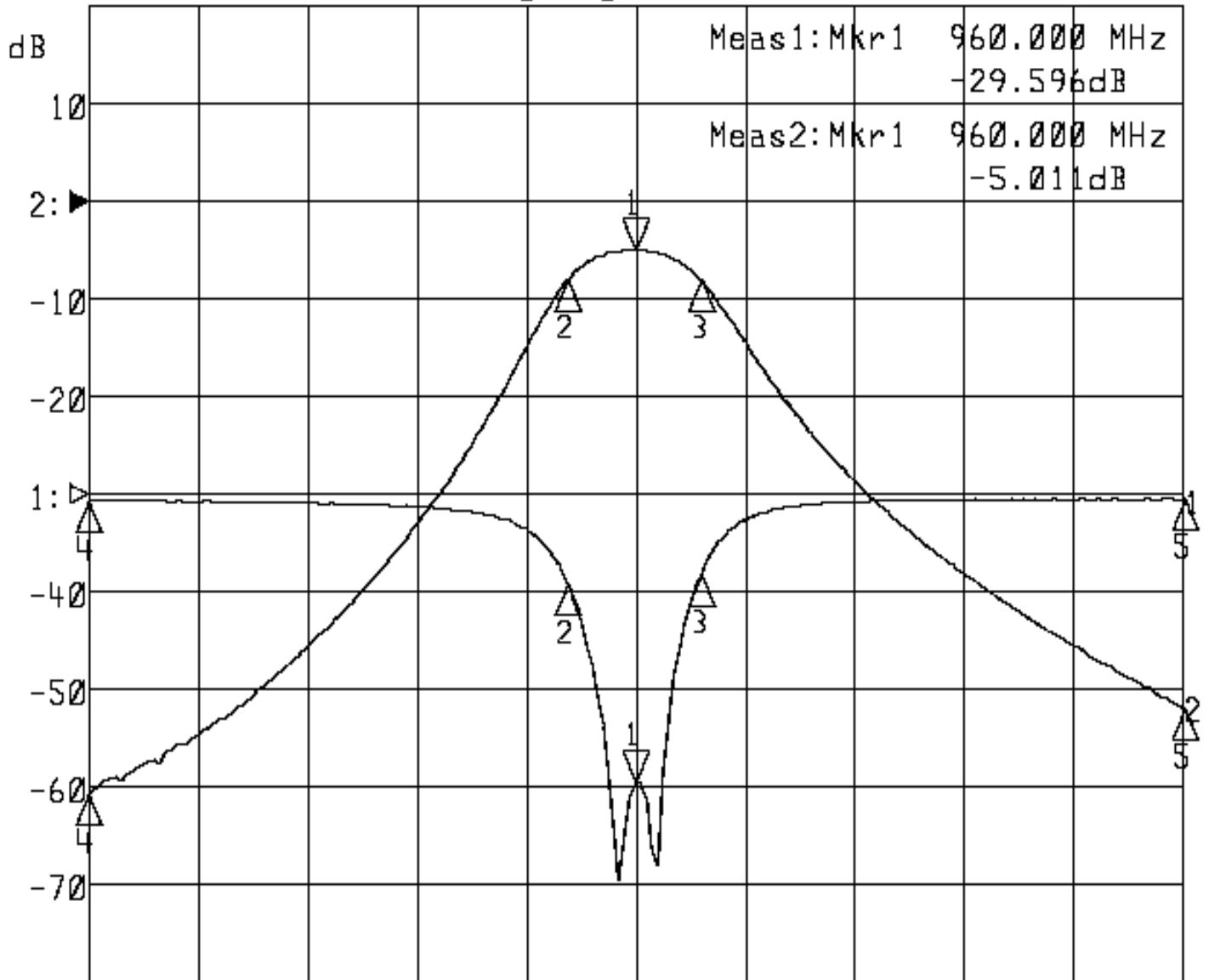
TEMWELL CORPORATION

Performance-TT67153A-960M

20112036B

▷1:S11 Refl Port1 Log Mag 10.0 dB/ Ref 0.00 dB C

▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 960.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 960.0000	-29.596	1> 960.0000	-5.011
2: 953.7667	-9.162	2: 953.7667	-8.062
3: 965.9000	-8.257	3: 965.9000	-7.985
4: 910.0000	-0.717	4: 910.0000	-60.731
5: 1010.0000	-0.562	5: 1010.0000	-51.898