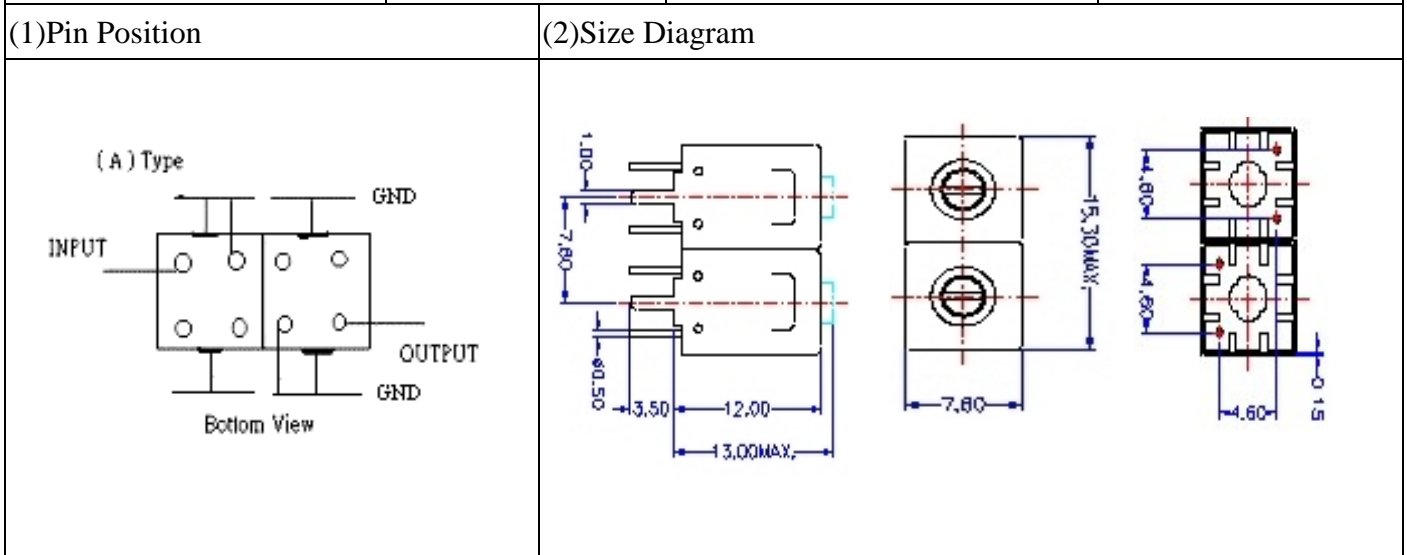


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TD67282A-175M
Approval No. /dated	20011018B	Acceptable Specify Fo. Range	166~195MHz
Work Instruction No.	20011018B	Date	Nov.14.2000



(3)Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	175 MHz	175	MHz
Tunable Range	175±2 MHz	175±2	MHz
Insertion Loss	Typ. 2.0 dB	1.23	dB
-3 dB Bandwidth	Typ. 10 MHz	12	MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 31	dBc
	Fo + 50 MHz	Typ. 35	dBc
	Fo - ()MHz	Typ.	dBc
	Fo +()MHz	Typ.	dBc
Return Loss	Min. 12 dB	17.0	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
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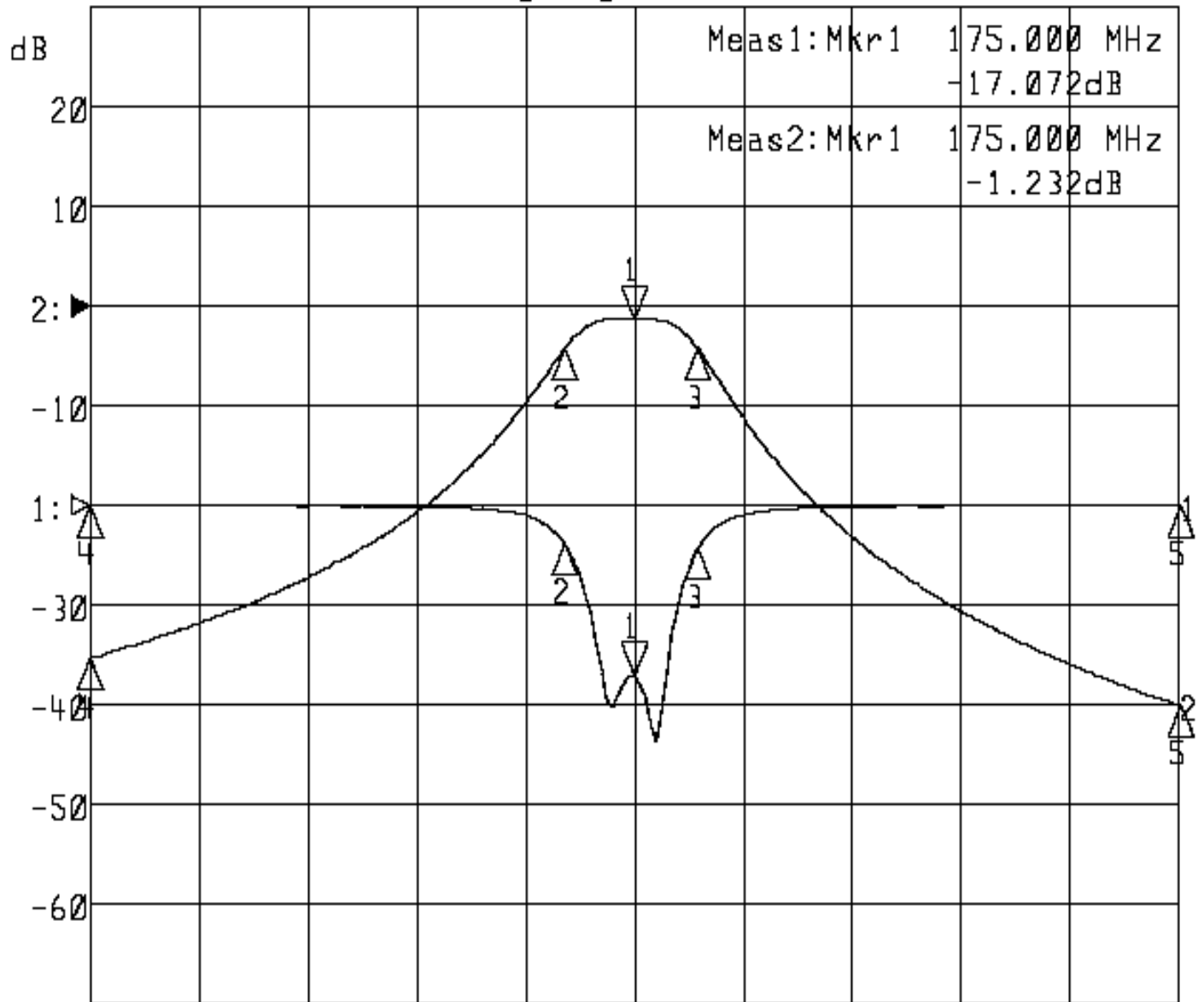
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	7H2S(4*7.5)F 7H00LB6

TEMWELL CORPORATION

Performance-TT67282A-175M

20011018B

▶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 175.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 175.0000	-17.072	1> 175.0000	-1.232
2: 168.5667	-3.680	2: 168.5667	-4.302
3: 180.8333	-4.343	3: 180.8333	-4.216
4: 125.0000	-0.054	4: 125.0000	-35.274
5: 225.0000	-0.067	5: 225.0000	-40.019