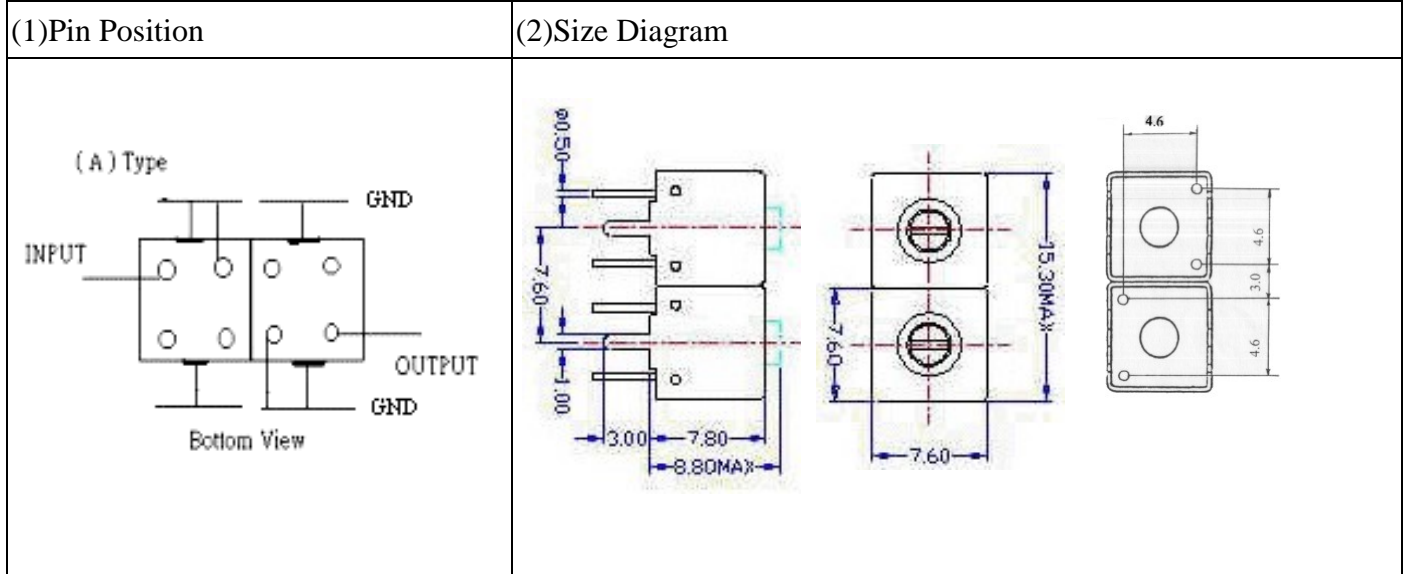


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2213A-962M
Approval No. /dated	20110033DC	Acceptable Specify Fo. Range	951~975MHz
Work Instruction No.	20110033DC	Date	2001.10.18



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	962 MHz	962 MHz
Tunable Range	962±5 MHz	962±5 MHz
Insertion Loss	Typ. 2.0 dB	1.0 dB
-3 dB Bandwidth	Typ. 82 MHz	87 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 12 dBc
	Fo +100 MHz	Typ. 9 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	18 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

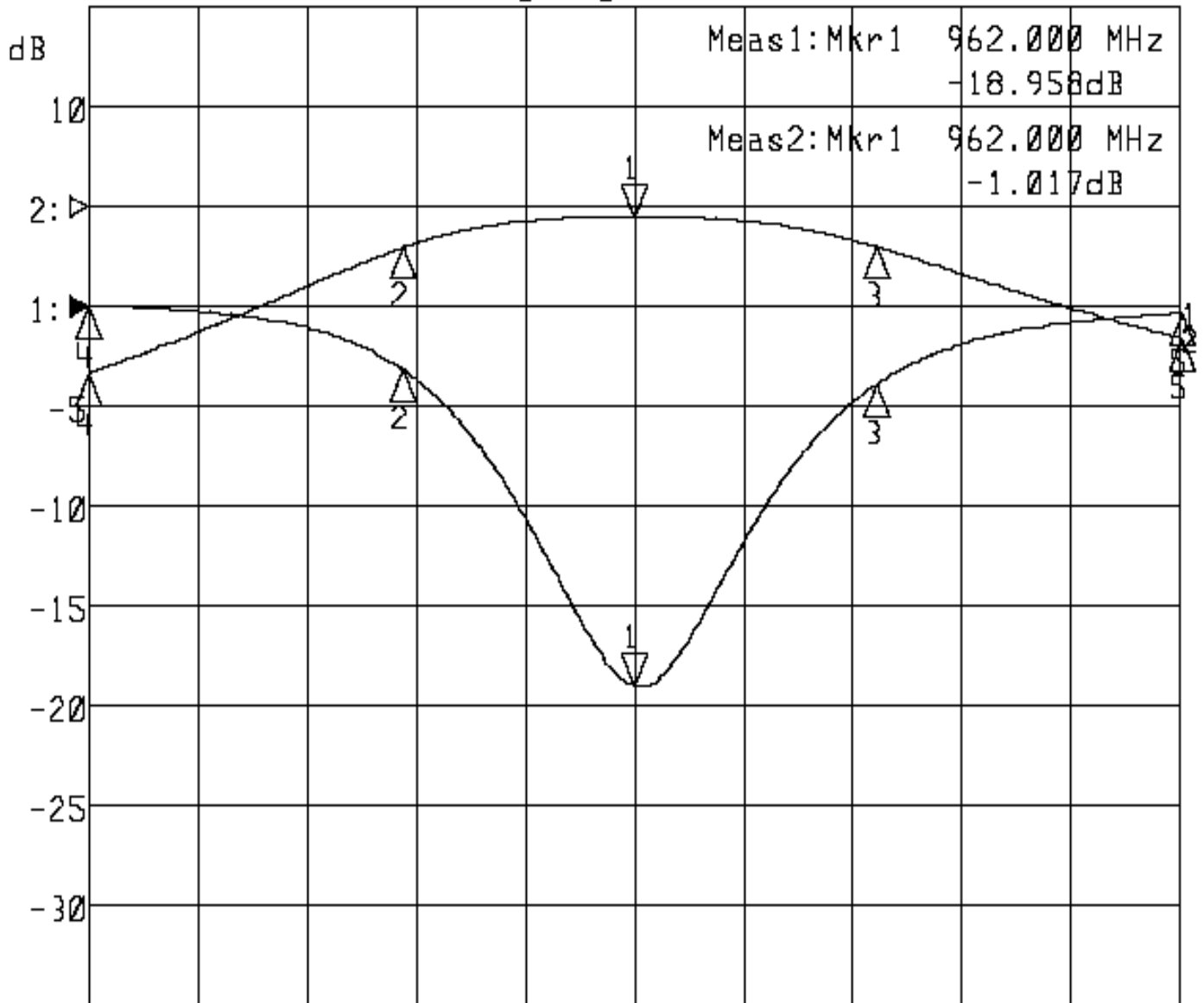
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*5.2). 7S046LB6

TEMWELL CORPORATION

Performance-TDS2213A-962M

20110033DC

►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 962.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 962.0000	-18.958	1> 962.0000	-1.017
2: 919.6000	-3.144	2: 919.6000	-4.099
3: 1006.4667	-3.879	3: 1006.4667	-4.011
4: 862.0000	0.005	4: 862.0000	-16.708
5: 1062.0000	-0.341	5: 1062.0000	-13.151