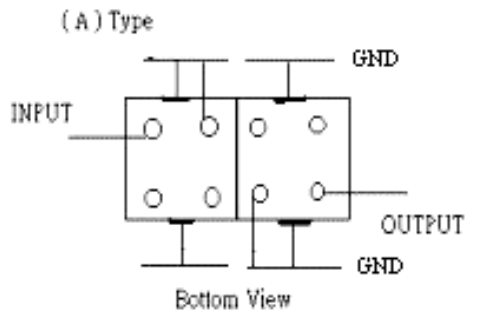
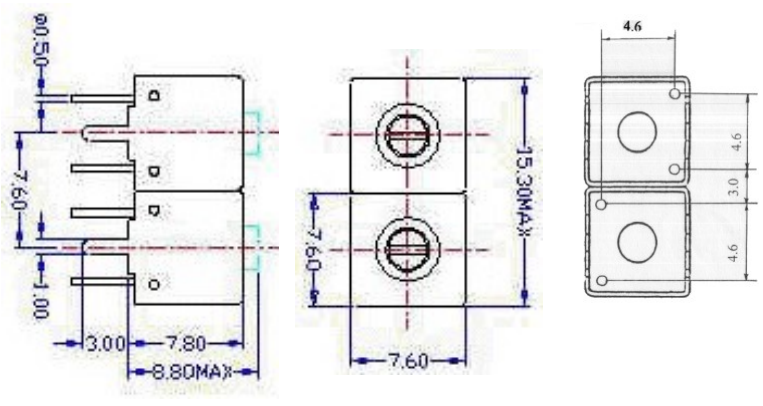


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2212A-958M
Approval No. /dated	20104070DC	Acceptable Specify Fo. Range	951~975MHz
Work Instruction No.	20104070DC	Date	2001.04.18

<p>(1) Pin Position</p>  <p>(A) Type INPUT GND OUTPUT GND Bottom View</p>	<p>(2) Size Diagram</p>  <p>Dimensions: 9.50, 7.60, 1.00, 3.00, 7.80, 8.80MAX, 7.60, 15.30MAX, 4.6, 3.0, 4.6, 4.6</p>
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(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	958 MHz	958 MHz
Tunable Range	958±10 MHz	958±10 MHz
Insertion Loss	Typ. 2.5 dB	1.8 dB
-3 dB Bandwidth	Typ. 25 MHz	30 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 32 dBc
	Fo + 100 MHz	Typ. 27 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	29 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

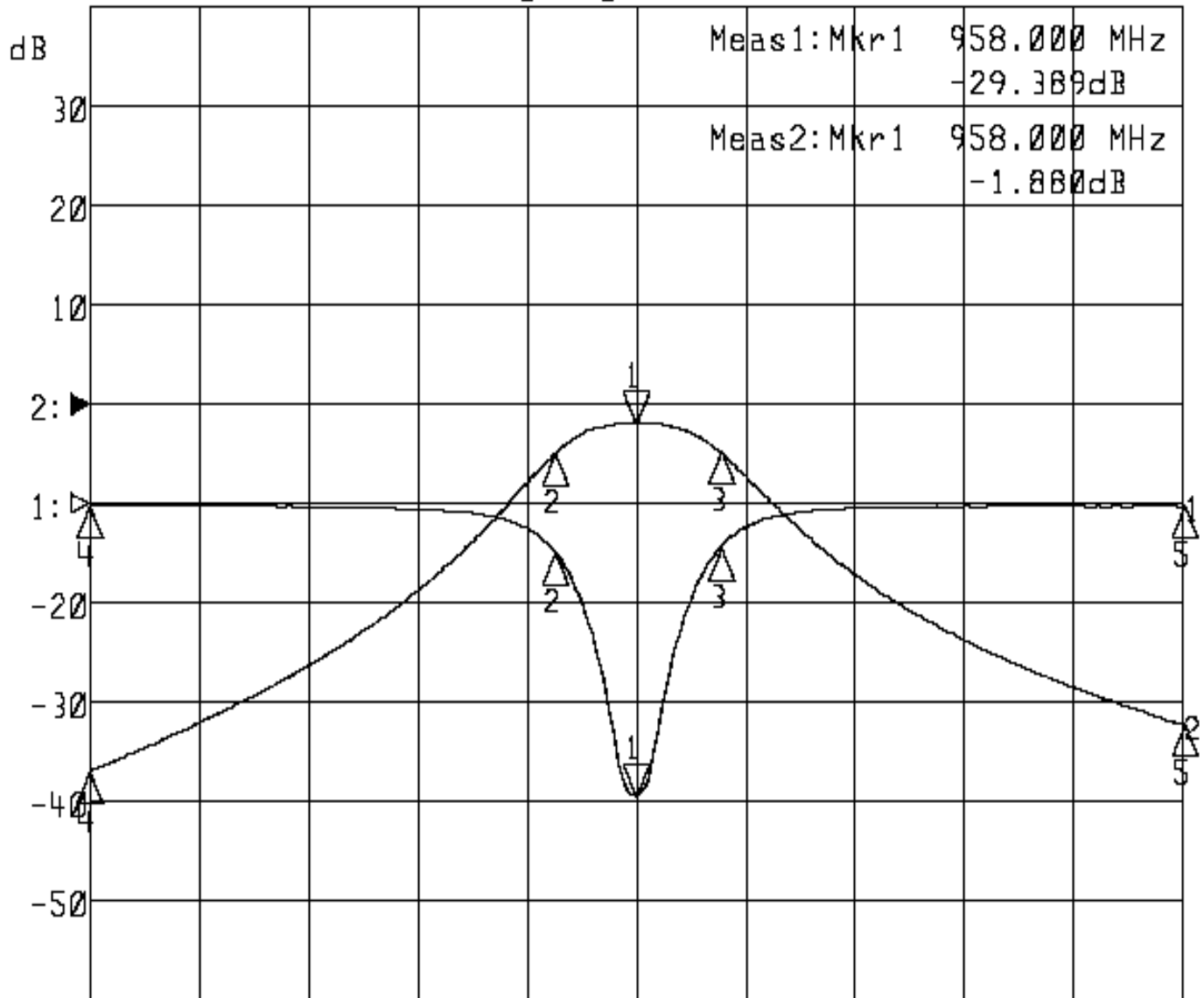
			> 1Watt
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*5.2) 7S046LB4

TEMWELL CORPORATION

# Performance-TDS2212A-958M

## 20104070DC

▶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 958.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 958.0000	-29.389	1> 958.0000	-1.880
2: 943.3333	-4.983	2: 943.3333	-4.881
3: 973.4000	-4.410	3: 973.4000	-4.872
4: 858.0000	-0.223	4: 858.0000	-36.934
5: 1058.0000	-0.343	5: 1058.0000	-32.282