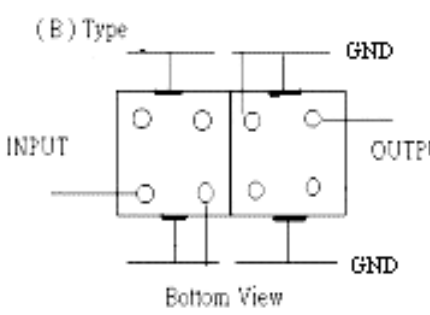
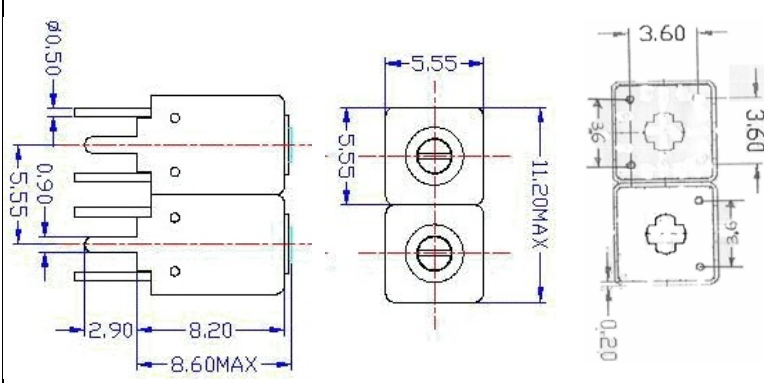


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2567B-960M
Approval No. /dated	20204072DC	Acceptable Specify Fo. Range	951~1000MHz
Work Instruction No.	20204072DC	Date	Apr.29.2002

<p>(1) Pin Position</p> 	<p>(2) Size Diagram</p> 
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(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. 8.0 dB	6.64 dB	
-3 dB Bandwidth	Typ. 6 MHz	15.5 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 28 dBc	31 dBc
	Fo + 50 MHz	Typ. 23 dBc	26 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	19 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4) Torque for Tuning Screw	> 60gf • cm		

(5) Temperature Condition:	
Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C
(6) Input Power	> 0.5Watt

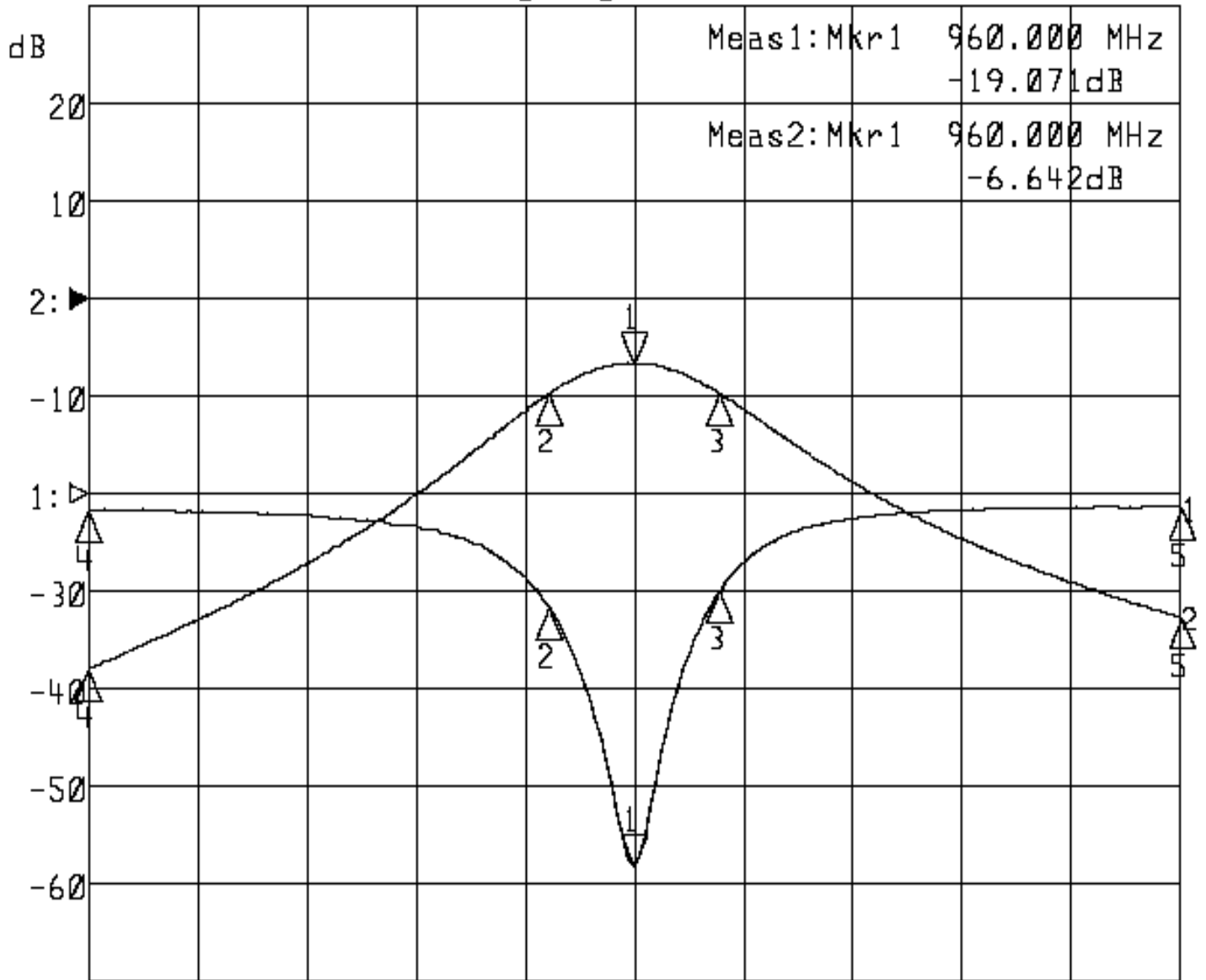
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5W2S(3.8*3.7) 5HW024RB3

TEMWELL CORPORATION

Performance-TDW2567B-960M

20204072DC

▷1:S22 Refl Port2 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 960.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 960.0000	-19.071	1> 960.0000	-6.642
2: 952.3000	-5.883	2: 952.3000	-9.646
3: 967.8000	-5.027	3: 967.8000	-9.651
4: 910.0000	-0.833	4: 910.0000	-37.882
5: 1010.0000	-0.690	5: 1010.0000	-32.688