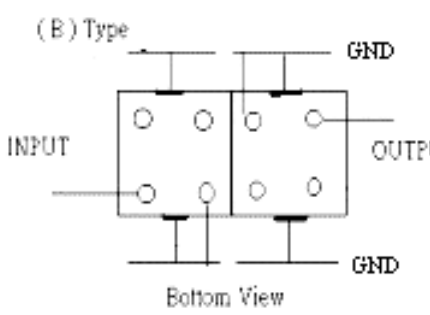
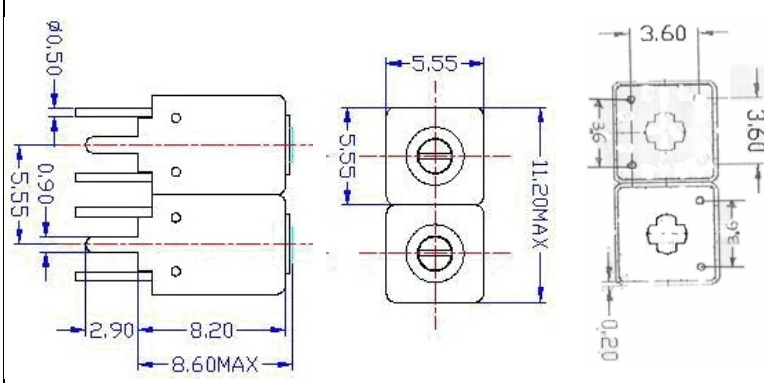


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2571B-960M
Approval No. /dated	20111060DC	Acceptable Specify Fo. Range	951~1000MHz
Work Instruction No.	20111060DC	Date	Nov.19.2001

<p>(1) Pin Position</p> 	<p>(2) Size Diagram</p> 
---	--

(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. 4.5 dB	3.43 dB	
-3 dB Bandwidth	Typ. 14 MHz	23.5 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 23 dBc	26 dBc
	Fo + 50 MHz	Typ. 17 dBc	20 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo + ( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	16 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		

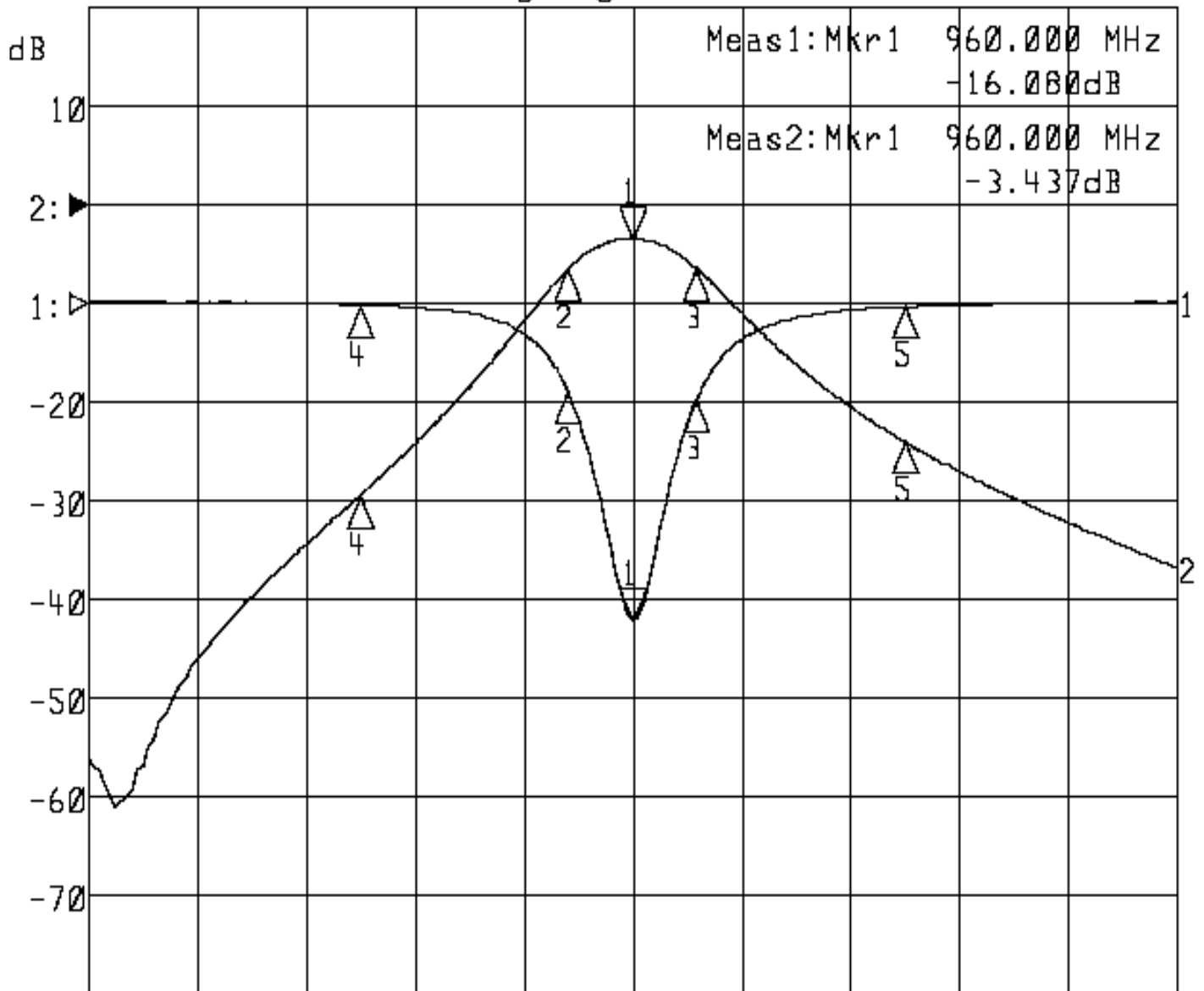
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	Enlan	5W2S(3.8*3.7) 5HW024RB3

TEMWELL CORPORATION

# Performance-TDW2571B-960M

## 20111060DC

▶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



Meas1: Mkr1    960.000 MHz  
                   -16.080 dB  
 Meas2: Mkr1    960.000 MHz  
                   -3.437 dB

Center 960.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 960.0000	-16.080	1> 960.0000	-3.437
2: 948.2000	-4.511	2: 948.2000	-6.470
3: 971.7333	-4.829	3: 971.7333	-6.417
4: 910.0000	-0.073	4: 910.0000	-29.407
5: 1010.0000	-0.184	5: 1010.0000	-24.004