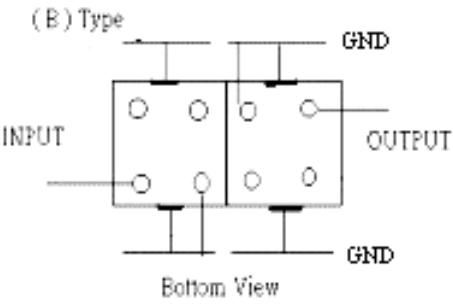
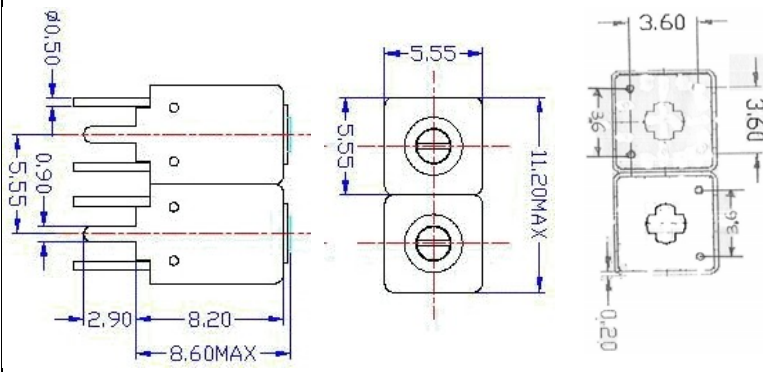


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2576B-1275M
Approval No. /dated	20111102DC	Acceptable Specify Fo. Range	1251~1300MHz
Work Instruction No.	20111102DC	Date	Dec.25.2001

(1)Pin Position	(2)Size Diagram
 <p>(B) Type INPUT      GND OUTPUT      GND Bottom View</p>	 <p>Dimensions: 1.50, 0.90, 5.55, 2.90, 8.20, 8.60MAX, 5.55, 5.55, 11.20MAX, 3.60, 3.60, 9.8, 0.20</p>

### (3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	1275 MHz	1275 MHz	
Tunable Range:	1275±5 MHz	1275±5 MHz	
Insertion Loss	Typ. 4.5 dB	3.15 dB	
-3 dB Bandwidth	Typ. 38 MHz	44.9 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 23 dBc	26 dBc
	Fo + 100 MHz	Typ. 20 dBc	23 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	18.4 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

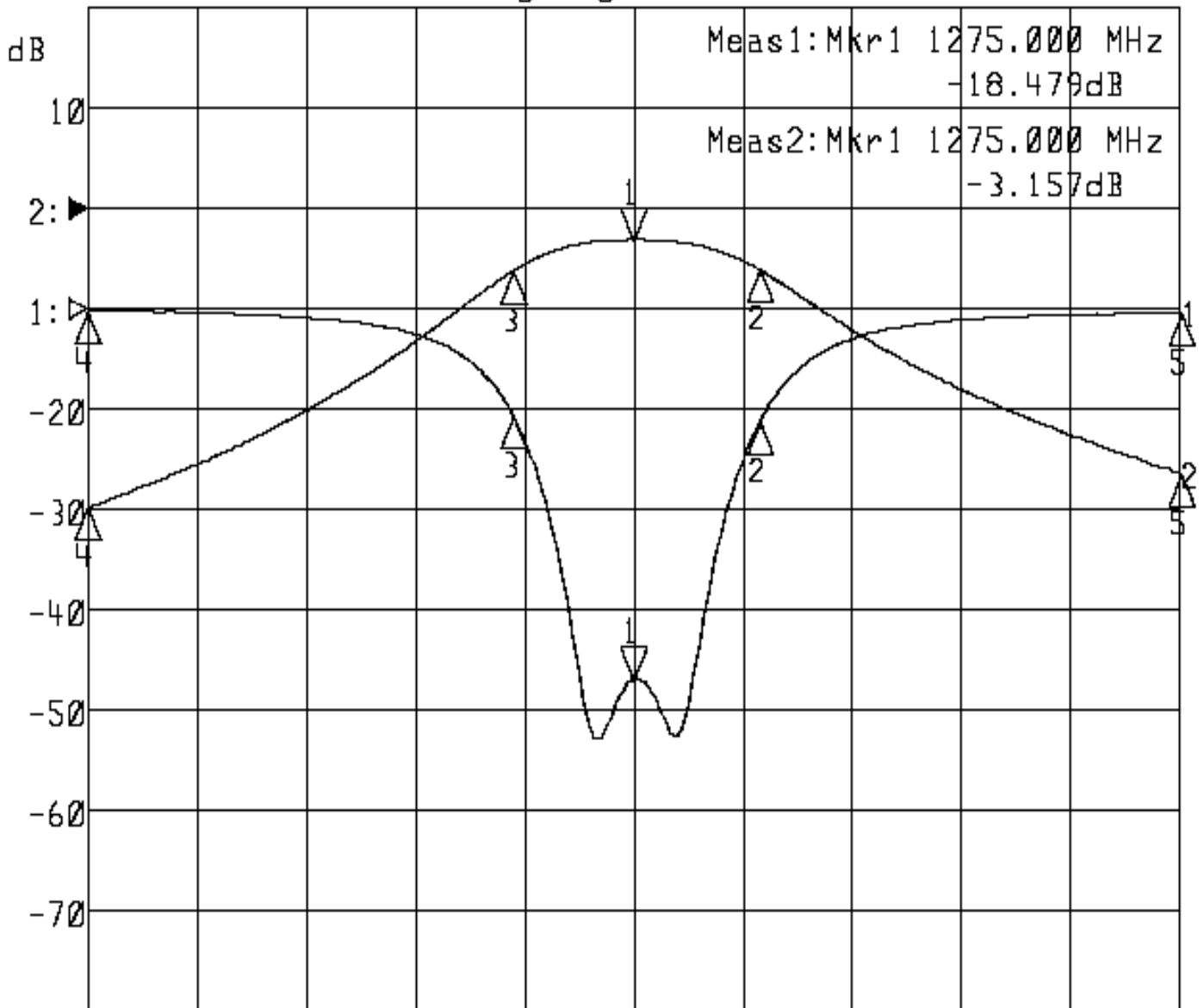
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	Enlan	5W2S(3.8*4.7) 5HW024RB3

TEMWELL CORPORATION

# Performance-TDW2576B-1275M

## 20111102DC

▷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 1 275.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1275.0000	-18.479	1> 1275.0000	-3.157
2: 1298.0667	-5.624	2: 1298.0667	-6.104
3: 1253.1000	-5.373	3: 1253.1000	-6.167
4: 1175.0000	-0.087	4: 1175.0000	-29.829
5: 1375.0000	-0.231	5: 1375.0000	-26.378