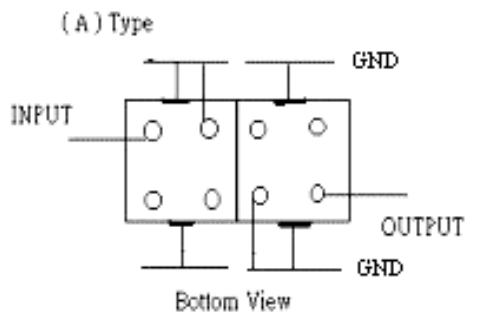
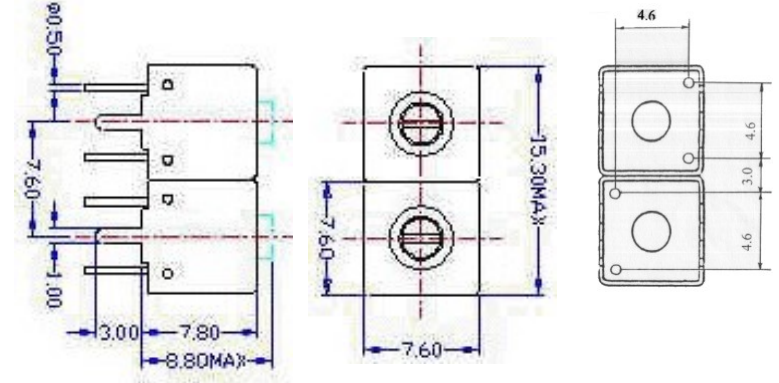


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2273A-1250M
Approval No. /dated	20110045DC	Acceptable Specify Fo. Range	1181~1250MHz
Work Instruction No.	20110045DC	Date	2001.10.22

<p>(1)Pin Position</p>  <p style="text-align: center;">Bottom View</p>	<p>(2)Size Diagram</p> 
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(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	1250 MHz	1250 MHz	
Tunable Range	1250±5 MHz	1250±5 MHz	
Insertion Loss	Typ. 3.0 dB	2.4 dB	
-3 dB Bandwidth	Typ. 77 MHz	83 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 19 dBc	22 dBc
	Fo +150 MHz	Typ. 14 dBc	17 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	15 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

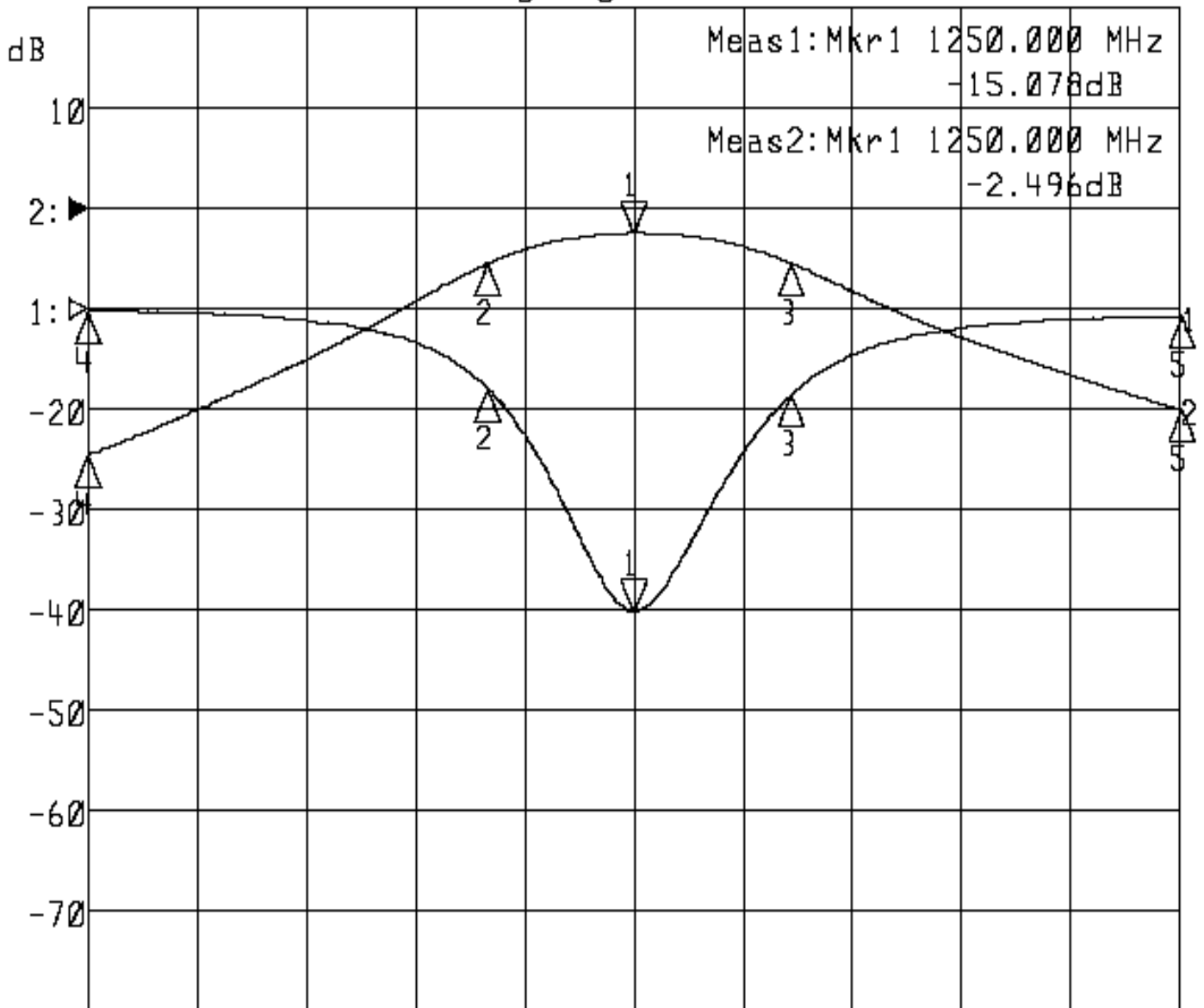
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*5.2) 7S046LB6

TEMWELL CORPORATION

# Performance-TDS2273A-1250M

## 20110045DC

▷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 1 250.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1250.0000	-15.078	1> 1250.0000	-2.496
2: 1210.0000	-3.954	2: 1210.0000	-5.464
3: 1293.3000	-4.282	3: 1293.3000	-5.453
4: 1100.0000	-0.070	4: 1100.0000	-24.582
5: 1400.0000	-0.422	5: 1400.0000	-20.044