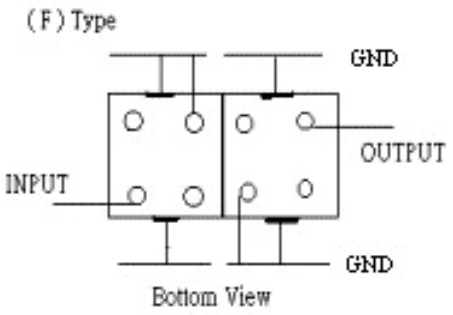
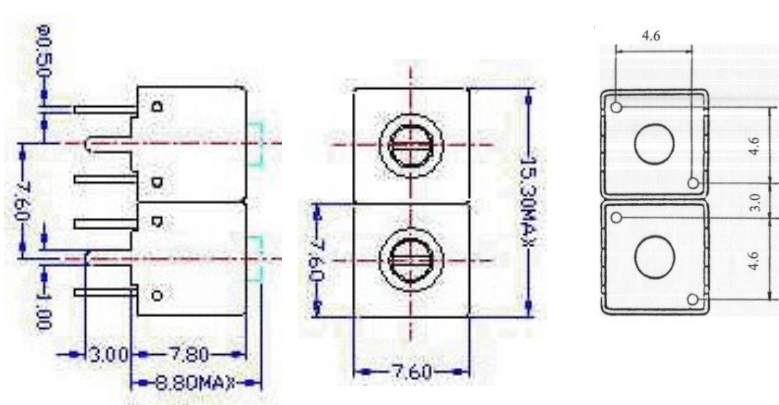


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2021F-250M
Approval No. /dated	20102010DC	Acceptable Specify Fo. Range	246~275MHz
Work Instruction No.	20102010DC	Date	2001.02.26

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

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	250 MHz	250 MHz	
Tunable Range	250±4 MHz	250±4 MHz	
Insertion Loss	Typ. 6.0 dB	4.9 dB	
-3 dB Bandwidth	Typ. 10 MHz	12 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 27 dBc	30 dBc
	Fo + 50 MHz	Typ. 23 dBc	26 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	21 dB	
Ripple	< 1 dB	1 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*3.5) 7S00LB5.5

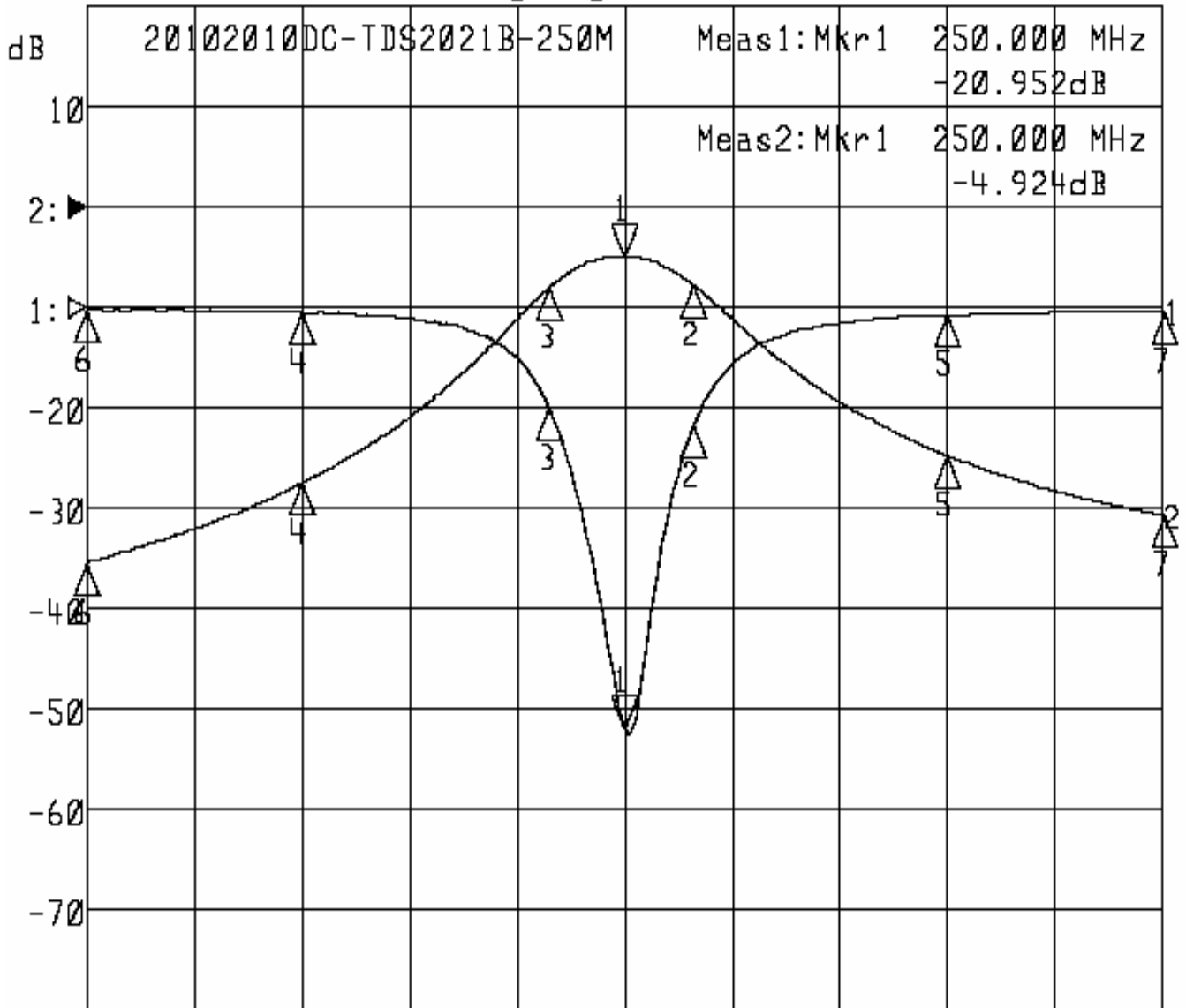
TEMWELL CORPORATION

Performance- TDS2021F-250M

20102010DC

▷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 250.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 250.0000	-20.952	1> 250.0000	-4.924
2: 256.4667	-5.863	2: 256.4667	-7.806
3: 243.0333	-5.018	3: 243.0333	-7.993
4: 220.0000	-0.225	4: 220.0000	-27.498
5: 280.0000	-0.407	5: 280.0000	-24.762
6: 200.0000	-0.149	6: 200.0000	-35.468
7: 300.0000	-0.231	7: 300.0000	-30.686