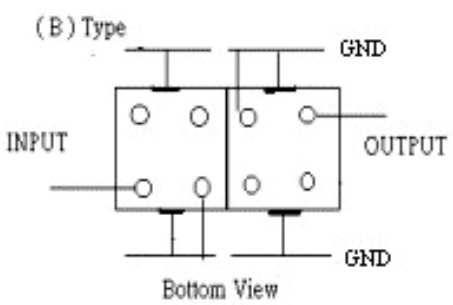
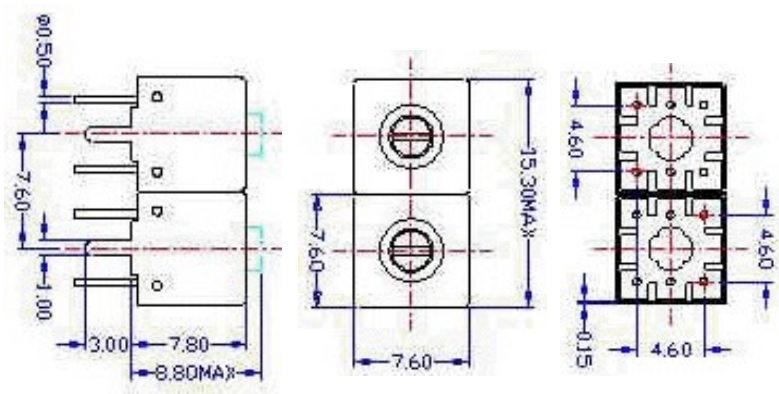


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2005B-200M
Approval No. /dated	20103062DC	Acceptable Specify Fo. Range	196~220MHz
Work Instruction No.	20103062DC	Date	2001.04.13

<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 %	200 MHz	200 MHz	
Tunable Range	200±4 MHz	200±4 MHz	
Insertion Loss	Typ. 3.5 dB	2.5 dB	
-3 dB Bandwidth	Typ. 17 MHz	19 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 22 dBc	25 dBc
	Fo + 50 MHz	Typ. 25 dBc	28 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	30 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

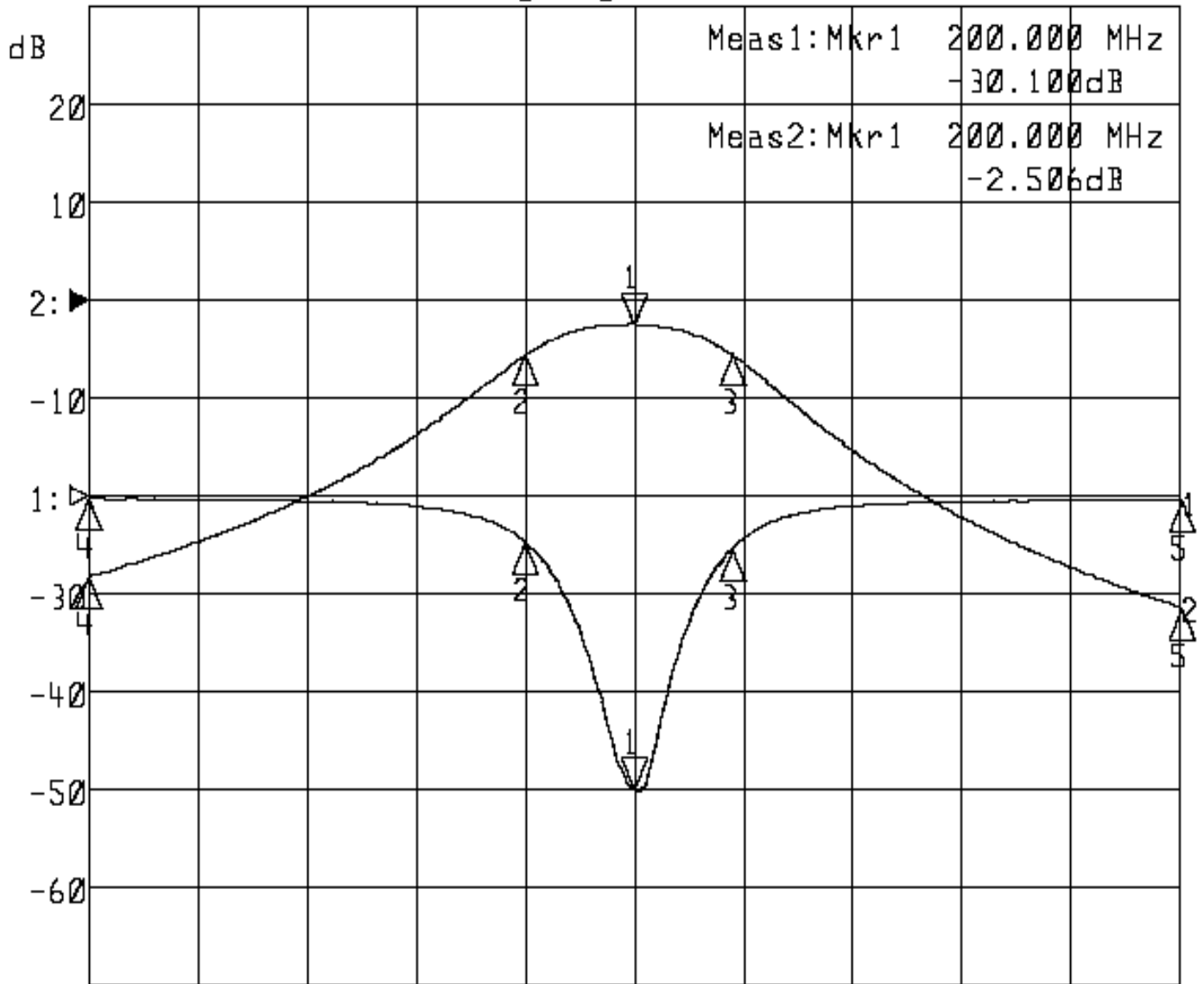
> 1Watt			
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*5.2) 7S00LB5.5

TEMWELL CORPORATION

Performance- TDS2005B-200M

20103062DC

▷1:S11 Refl Port1 Log Mag 10.0 dB/ Ref 0.00 dB C
▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 200.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 200.0000	-30.100	1> 200.0000	-2.506
2: 190.0667	-4.714	2: 190.0667	-5.588
3: 208.9333	-5.425	3: 208.9333	-5.525
4: 150.0000	-0.309	4: 150.0000	-28.317
5: 250.0000	-0.485	5: 250.0000	-31.415