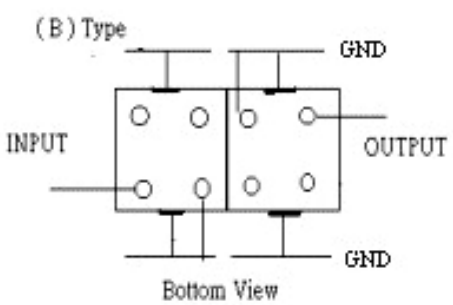
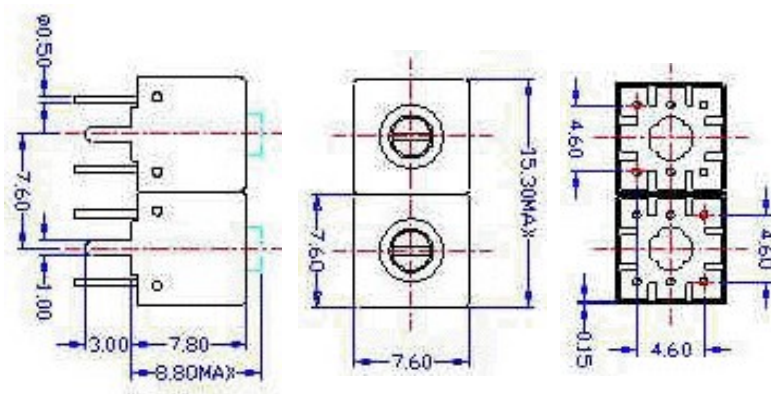


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2026B-250M
Approval No. /dated	20103064DC	Acceptable Specify Fo. Range	246~275MHz
Work Instruction No.	20103064DC	Date	2001.4.19

<p>(1) Pin Position</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. 3.5 dB	2.4 dB	
-3 dB Bandwidth	Typ. 22 MHz	24 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 18 dBc	21 dBc
	Fo + 50 MHz	Typ. 22 dBc	25 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	21 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

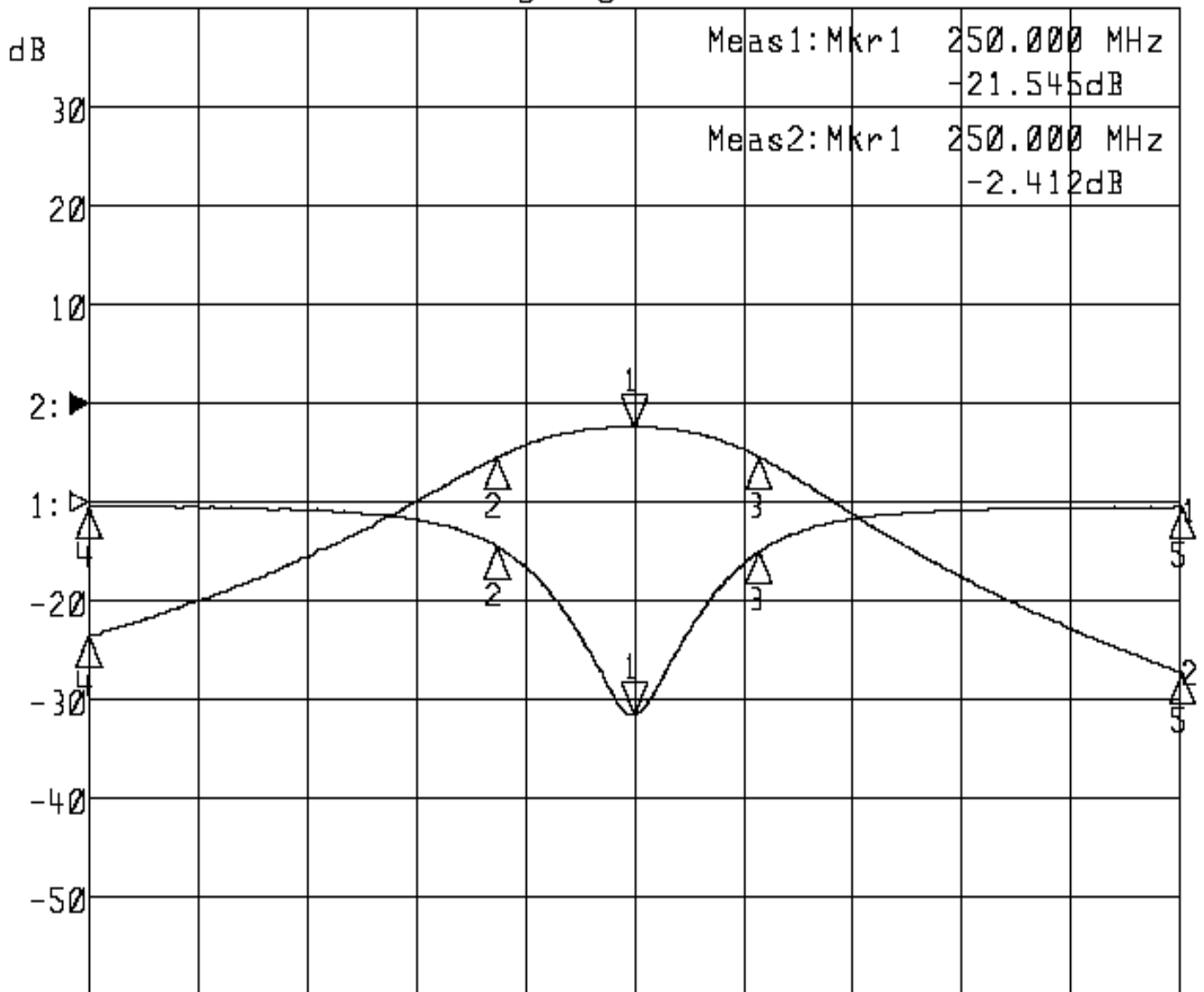
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*5.2) 7S00LB5

TEMWELL CORPORATION

Performance-TDS2026B-250M

20103064DC

▶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 250.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 250.0000	-21.545	1> 250.0000	-2.412
2: 237.5000	-4.490	2: 237.5000	-5.429
3: 261.4333	-5.049	3: 261.4333	-5.413
4: 200.0000	-0.379	4: 200.0000	-23.547
5: 300.0000	-0.557	5: 300.0000	-27.249