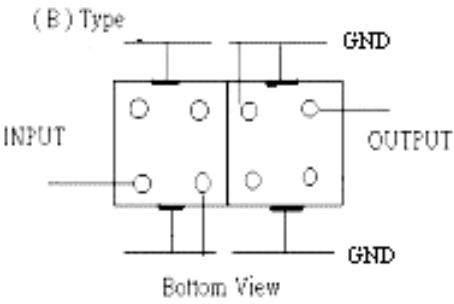
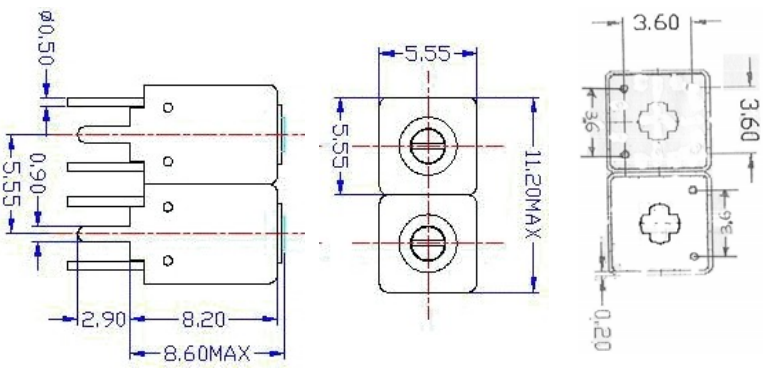


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2519B-1925M
Approval No. /dated	20208040DC	Acceptable Specify Fo. Range	1901~1950MHz
Work Instruction No.	20208040DC	Date	Aug.13.2002

<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 %	1925 MHz	1925 MHz	
Tunable Range:	1925±5 MHz	1925±5 MHz	
Insertion Loss	Typ. 5.5 dB	4.66 dB	
-3 dB Bandwidth	Typ. 46 MHz	56.3 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 20 dBc	23 dBc
	Fo +150 MHz	Typ. 10 dBc	13 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	19 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

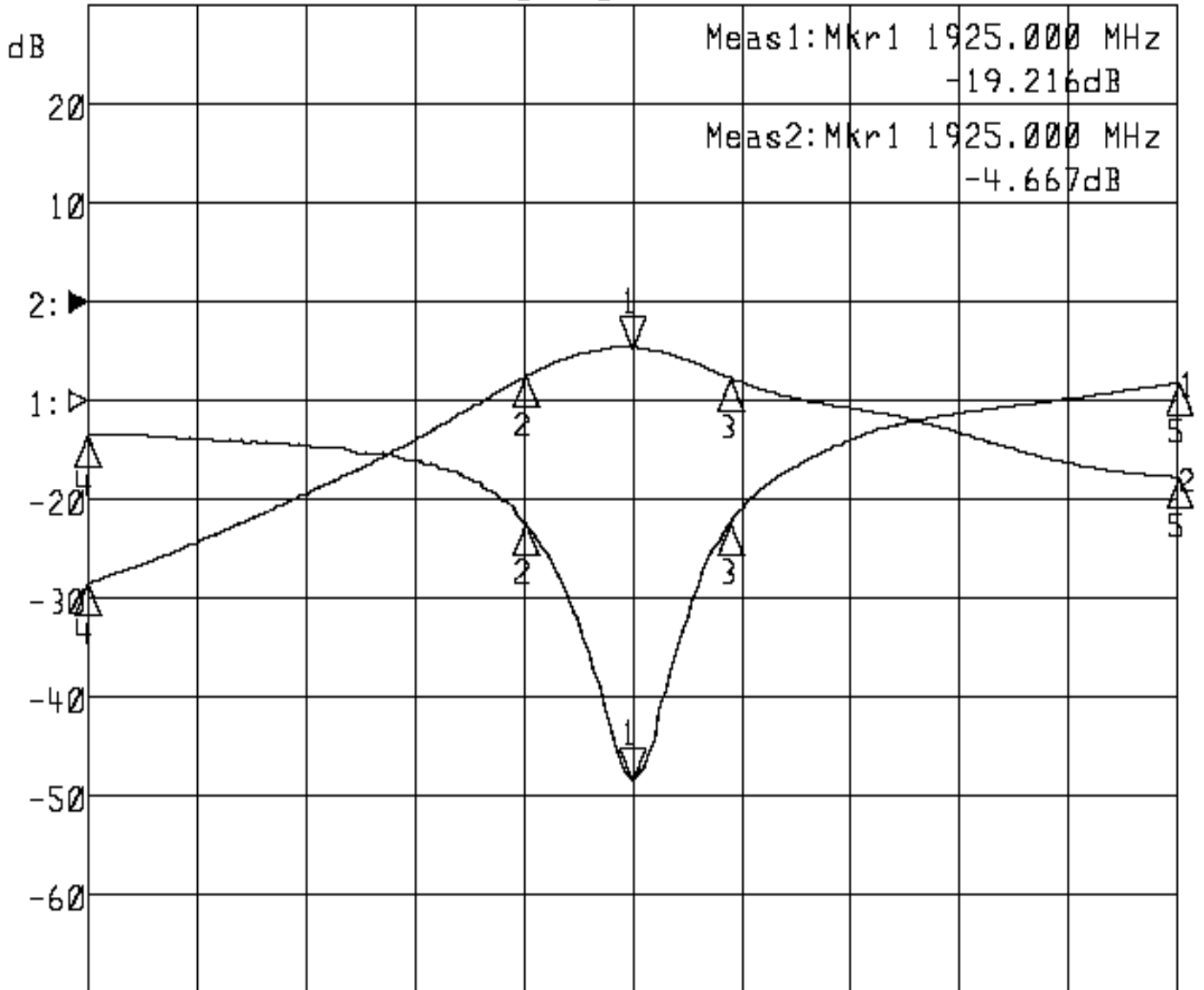
			> 0.5Watt
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	5W2S(3.8*4.7) 5HW024RB3

TEMWELL CORPORATION

Performance-TDW2519B-1925M

20208040DC

▶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 1 925.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1925.0000	-19.216	1> 1925.0000	-4.667
2: 1895.4000	-6.221	2: 1895.4000	-7.622
3: 1951.7000	-6.226	3: 1951.7000	-7.677
4: 1775.0000	-1.697	4: 1775.0000	-28.511
5: 2075.0000	0.896	5: 2075.0000	-17.762