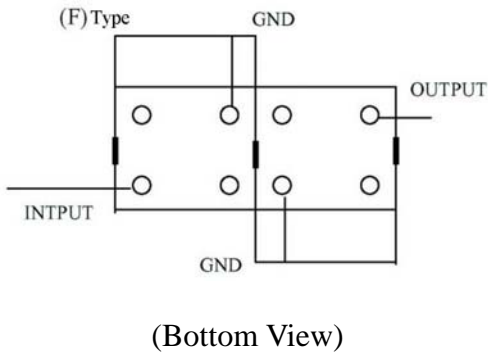
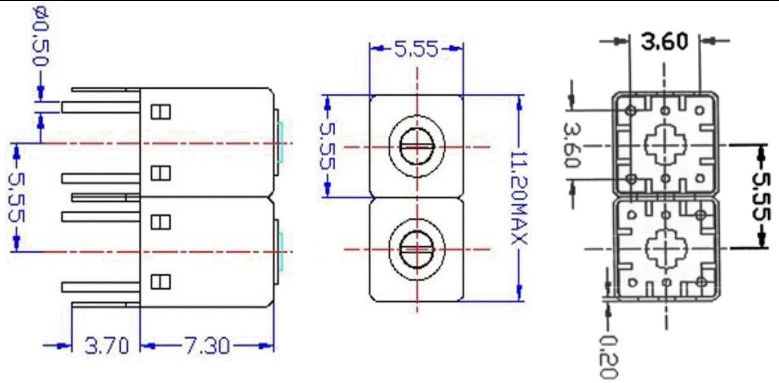


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2654F-540M
Approval No. /dated	20201074DC	Acceptable Specify Fo. Range	500~550MHz
Work Instruction No.	20201074DC	Date	Jul.26.2002

<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 %	540 MHz	540 MHz	
Tunable Range:	540±10 MHz	540±10 MHz	
Insertion Loss	Typ. 4.5 dB	3.9 dB	
-3 dB Bandwidth	Typ. 11 MHz	16.1 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 19 dBc	22 dBc
	Fo + 50 MHz	Typ. 30 dBc	33 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	33 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	-30°C ~ +70°C
Storage Temperature	-30°C ~ +80°C

(6) Input Power > 0.5Watt

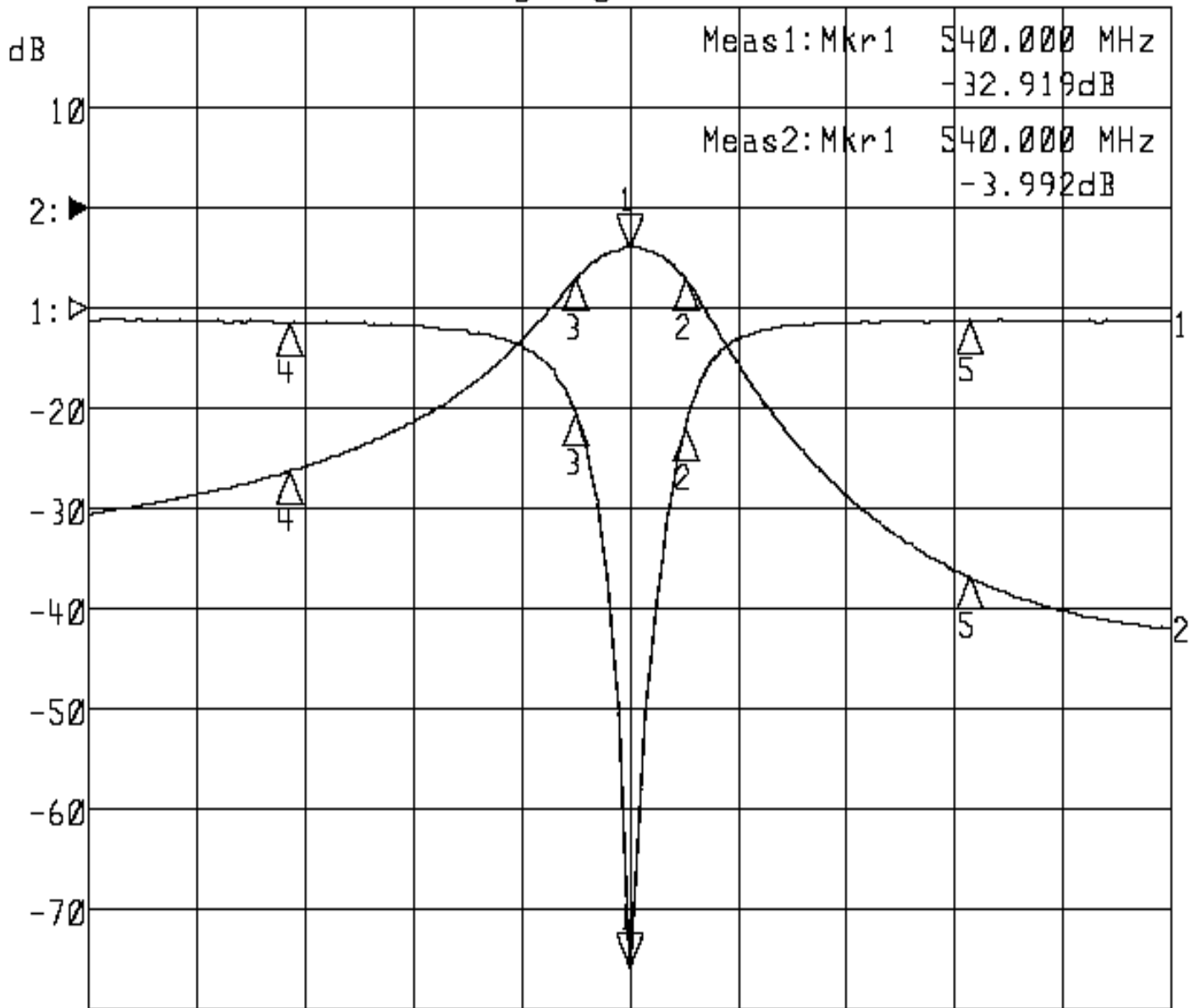
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5R2S(3.8*3.7)

TEMWELL CORPORATION

Performance-TDR2654F-540M

20201074DC

▶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 540.000 MHz

Span 160.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 540.0000	-32.919	1> 540.0000	-3.992
2: 548.1867	-5.963	2: 548.1867	-7.008
3: 532.0800	-5.213	3: 532.0800	-7.051
4: 490.0000	-0.688	4: 490.0000	-26.186
5: 590.0000	-0.613	5: 590.0000	-36.819