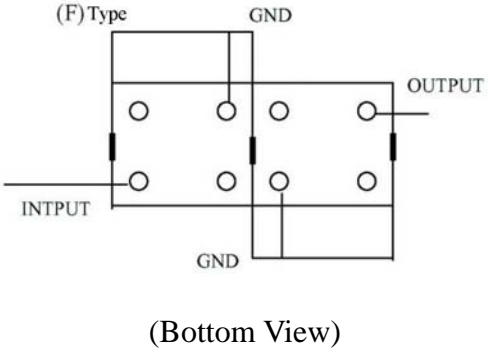
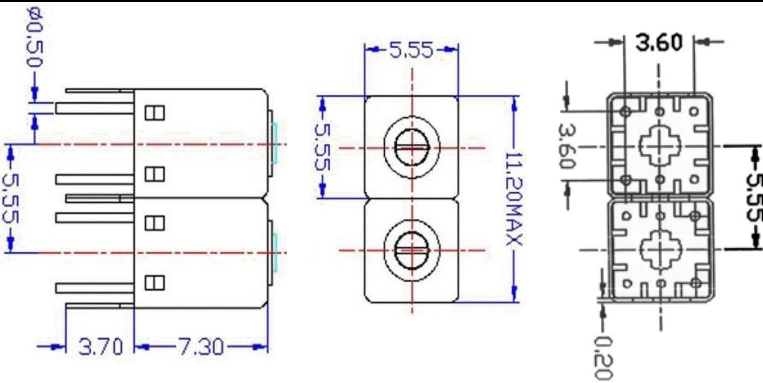


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2662F-580M
Approval No. /dated	20201080DC	Acceptable Specify Fo. Range	550~600MHz
Work Instruction No.	20201080DC	Date	Apr.16.2002

<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 %	580 MHz	580 MHz
Tunable Range:	580±10 MHz	580±10 MHz
Insertion Loss	Typ. 2.5 dB	1.9 dB
-3 dB Bandwidth	Typ. 28 MHz	34 MHz
Sensitivity (Attenuation )	Fo - 100 MHz	Typ. 23 dBc
	Fo + 100 MHz	Typ. 29 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. 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	-30°C ~ +70°C
Storage Temperature	-30°C ~ +80°C

(6)Input Power > 0.5Watt

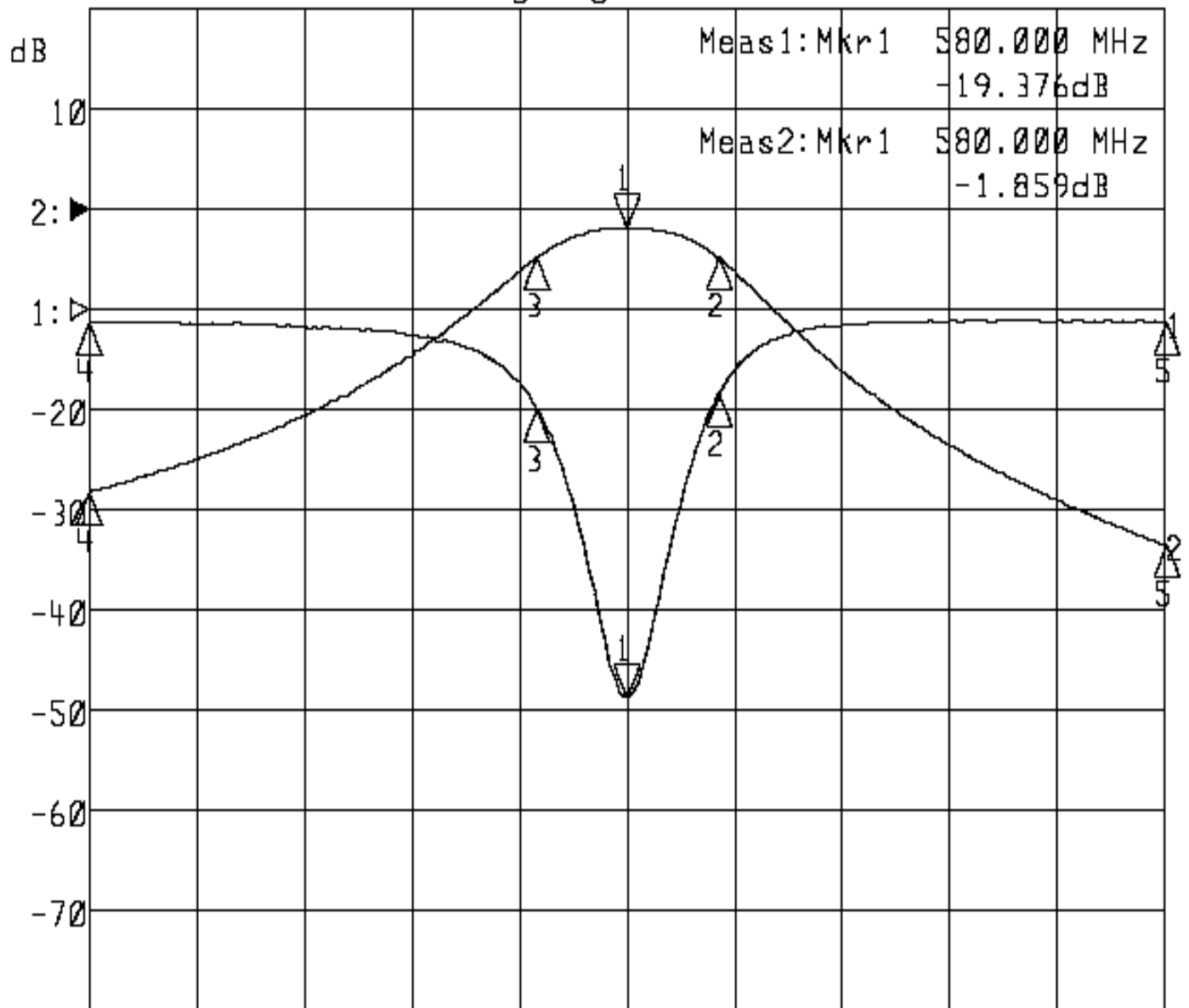
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5R2S(3.8*4.7)

TEMWELL CORPORATION

# Performance-TDR2662F-580M

## 20201080DC

►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 580.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 580.0000	-19.376	1> 580.0000	-1.859
2: 597.1333	-4.191	2: 597.1333	-4.859
3: 563.3333	-4.969	3: 563.3333	-4.811
4: 480.0000	-0.655	4: 480.0000	-28.251
5: 680.0000	-0.637	5: 680.0000	-33.545