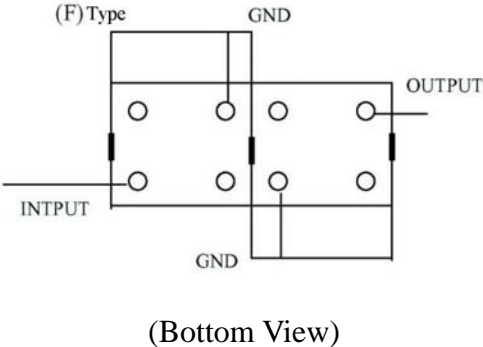
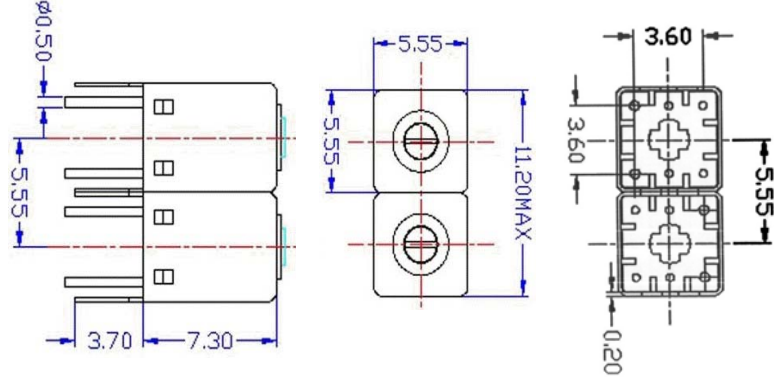


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2661F-580M
Approval No. /dated	20201078DC	Acceptable Specify Fo. Range	550~600MHz
Work Instruction No.	20201078DC	Date	Jan.25.2002

<p>(1)Pin Position</p>  <p style="text-align: center;">(Bottom View)</p>	<p>(2)Size Diagram</p> 
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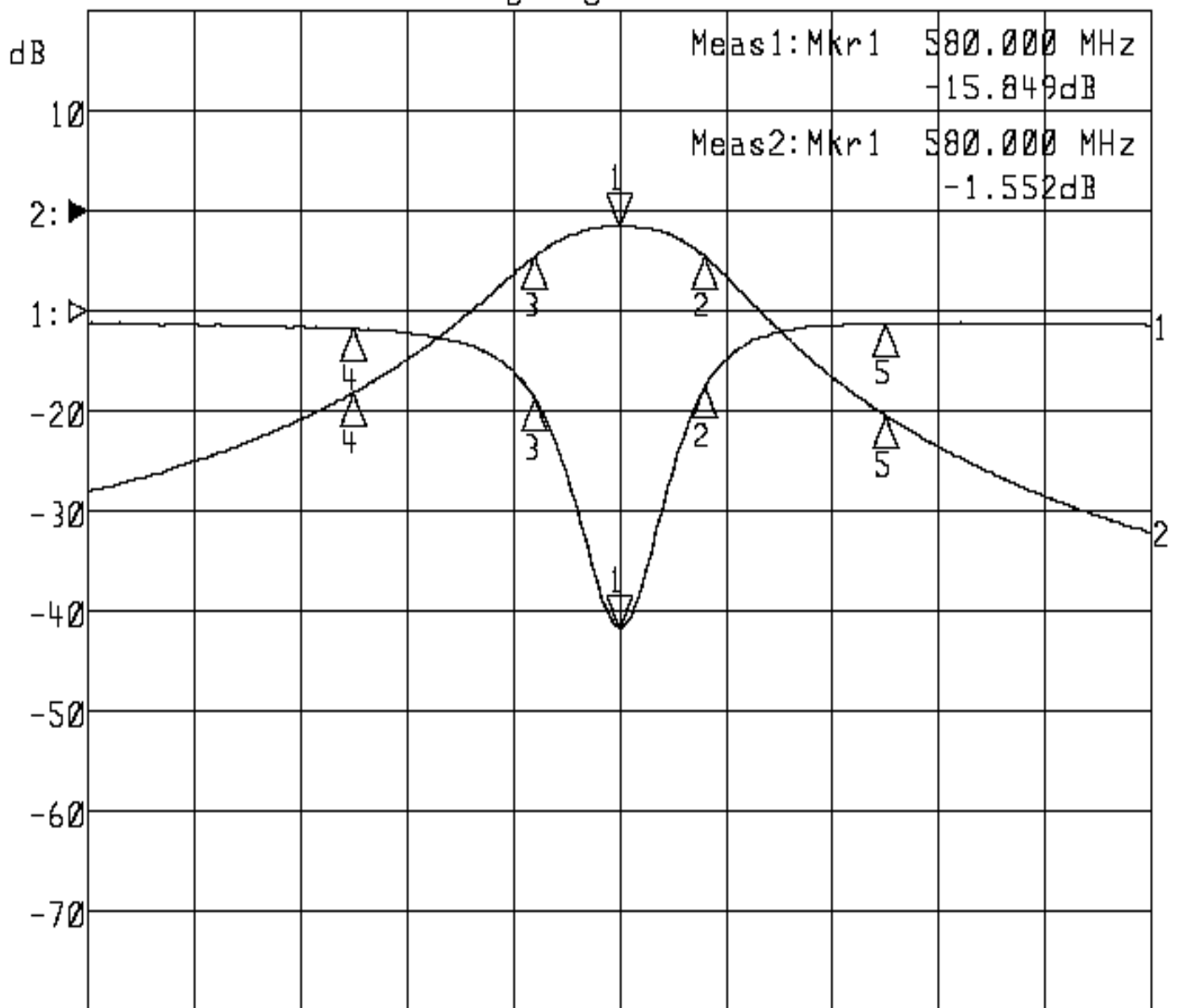
(3)Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	580 MHz	580 MHz	
Tunable Range:	580±10 MHz	580±10 MHz	
Insertion Loss	Typ. 2.5 dB	1.5 dB	
-3 dB Bandwidth	Typ. 26 MHz	32 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 14 dBc	17 dBc
	Fo + 50 MHz	Typ. 16 dBc	19 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	16 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*4.2)

TEMWELL CORPORATION

Performance-TDR2661F-580M

20201078DC

▶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	-15.849	1> 580.0000	-1.552
2: 596.1333	-3.790	2: 596.1333	-4.528
3: 564.1333	-4.371	3: 564.1333	-4.541
4: 530.0000	-0.899	4: 530.0000	-18.156
5: 630.0000	-0.653	5: 630.0000	-20.429