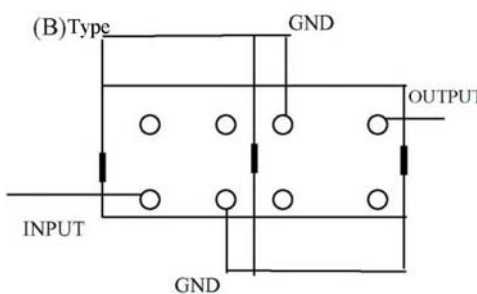
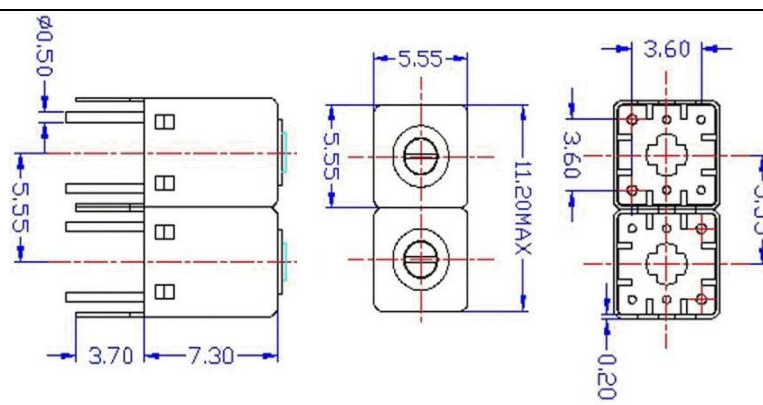


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2681B-675M
Approval No. /dated	20201122DC	Acceptable Specify Fo. Range	650~700MHz
Work Instruction No.	20201122DC	Date	Jan.30.2002

<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 %	675 MHz	675 MHz	
Tunable Range:	675±10 MHz	675±10 MHz	
Insertion Loss	Typ. 2.5 dB	1.9 dB	
-3 dB Bandwidth	Typ. 23 MHz	29.9 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 20 dBc	23 dBc
	Fo + 50 MHz	Typ. 16 dBc	19 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	26 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

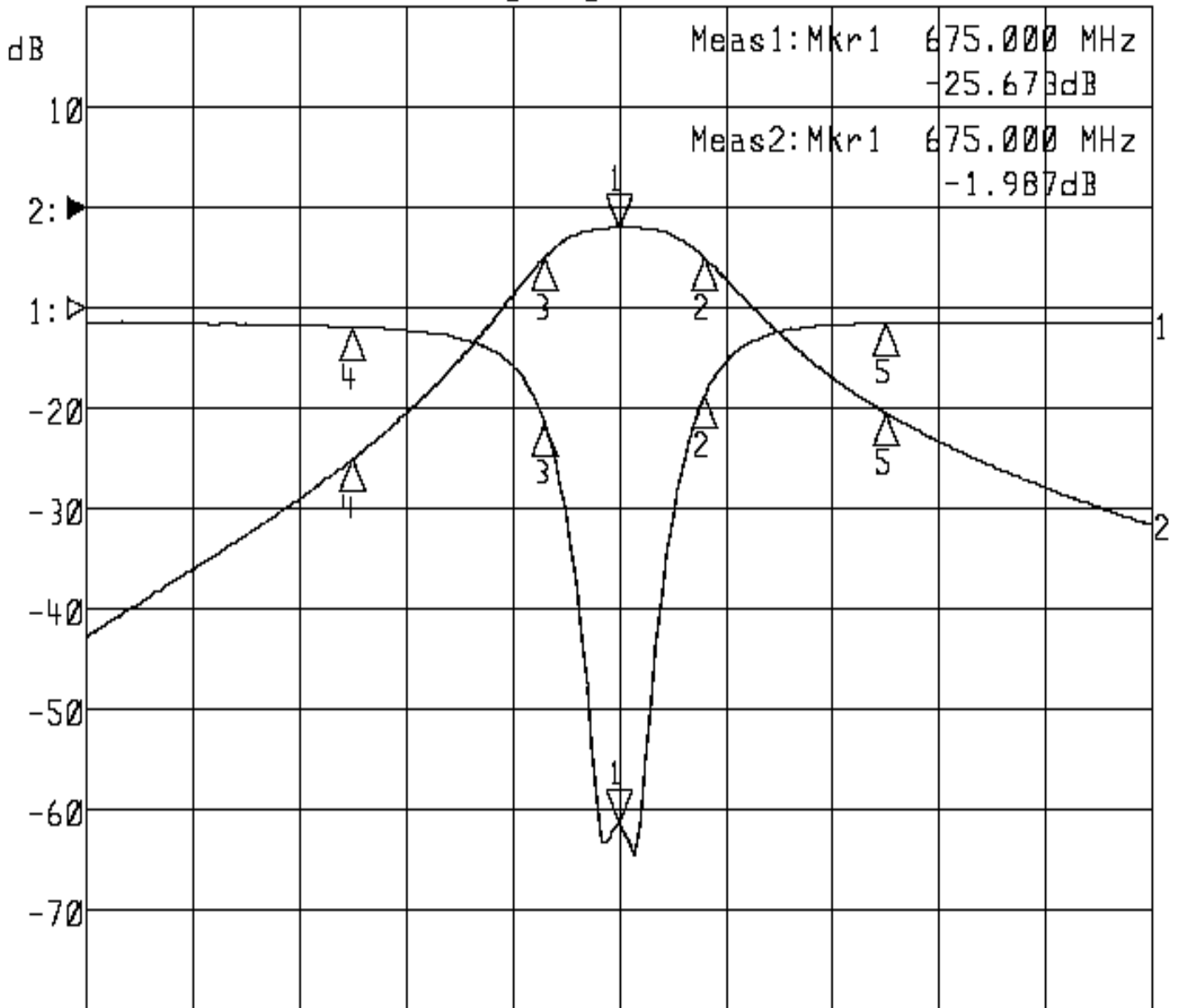
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5R2S(3.8*4.2)

TEMWELL CORPORATION

Performance-TDR2681B-675M

20201122DC

▶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 675.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 675.0000	-25.673	1> 675.0000	-1.987
2: 690.9333	-4.426	2: 690.9333	-4.931
3: 661.0667	-5.697	3: 661.0667	-4.950
4: 625.0000	-0.986	4: 625.0000	-25.091
5: 725.0000	-0.800	5: 725.0000	-20.418