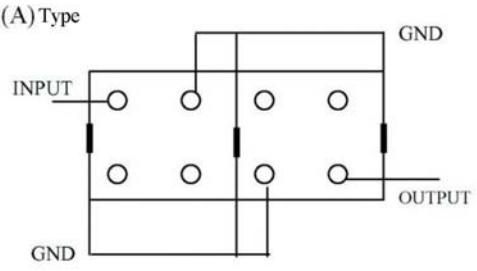
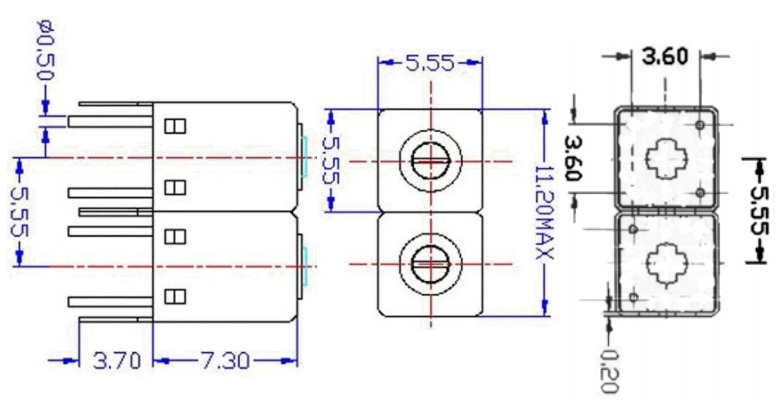


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2634A-420M
Approval No. /dated	20201058DC	Acceptable Specify Fo. Range	400~450MHz
Work Instruction No.	20201058DC	Date	Jul.05.2002

(1)Pin Position	(2)Size Diagram
<p>(A)Type</p>  <p>(Bottom View)</p>	

(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	420 MHz	420 MHz	
Tunable Range:	420±10 MHz	420±10 MHz	
Insertion Loss	Typ. 4.0 dB	3.1 dB	
-3 dB Bandwidth	Typ. 11 MHz	15.6 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 25 dBc	28 dBc
	Fo + 50 MHz	Typ. 32 dBc	35 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	30 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
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Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5R2S(3.8*3.7)

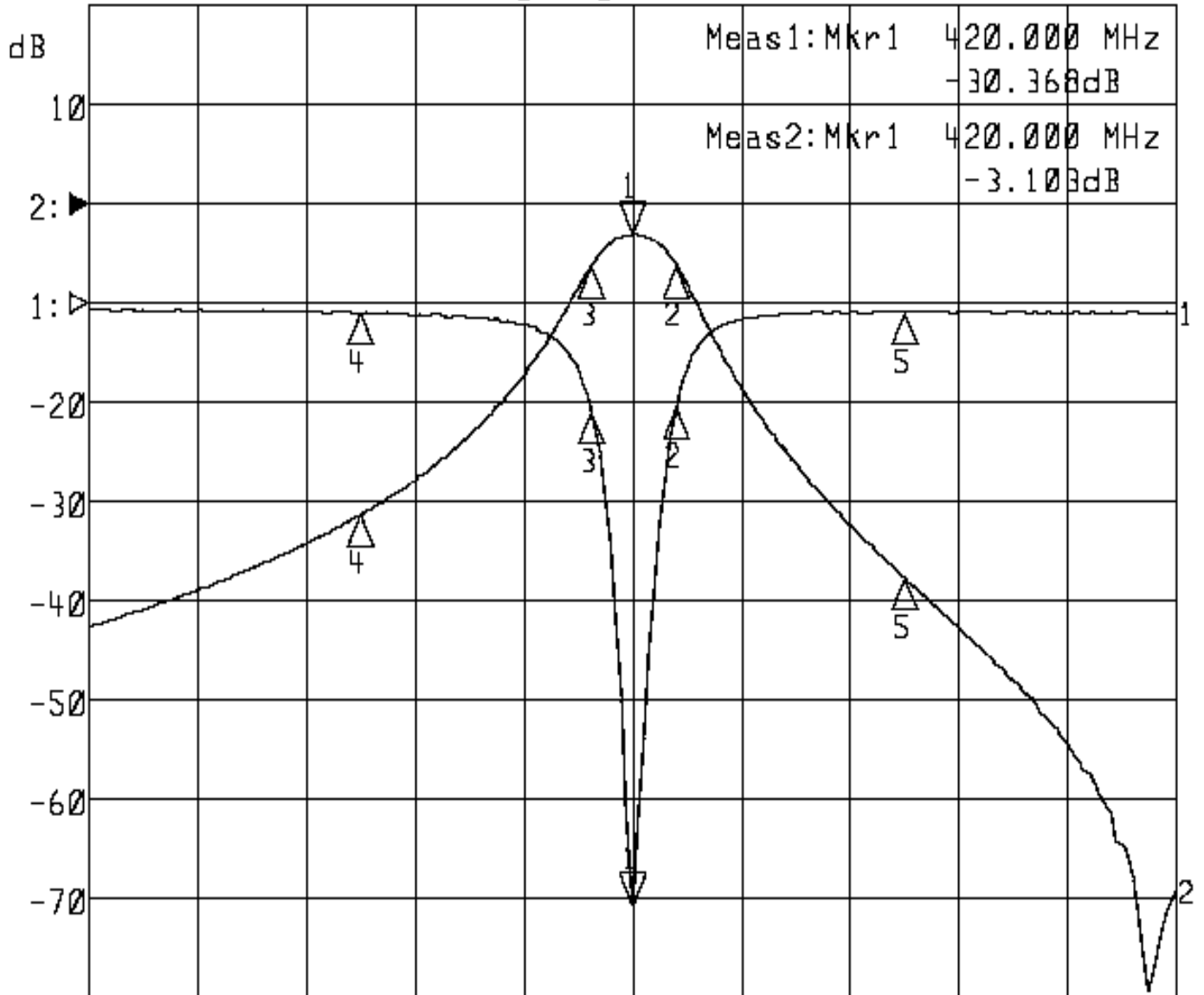
TEMWELL CORPORATION

Performance-TDR2634A-420M

20201058DC

▶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



Meas1: Mkr1 420.000 MHz
-30.368 dB

Meas2: Mkr1 420.000 MHz
-3.103 dB

Center 420.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 420.0000	-30.368	1> 420.0000	-3.103
2: 428.1333	-5.199	2: 428.1333	-6.163
3: 412.5333	-5.486	3: 412.5333	-6.162
4: 370.0000	-0.538	4: 370.0000	-31.351
5: 470.0000	-0.482	5: 470.0000	-37.688