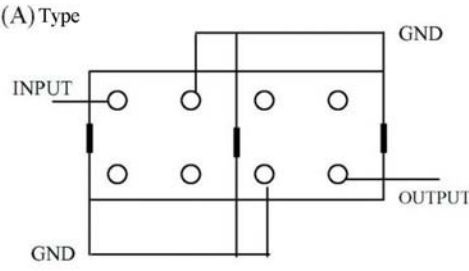
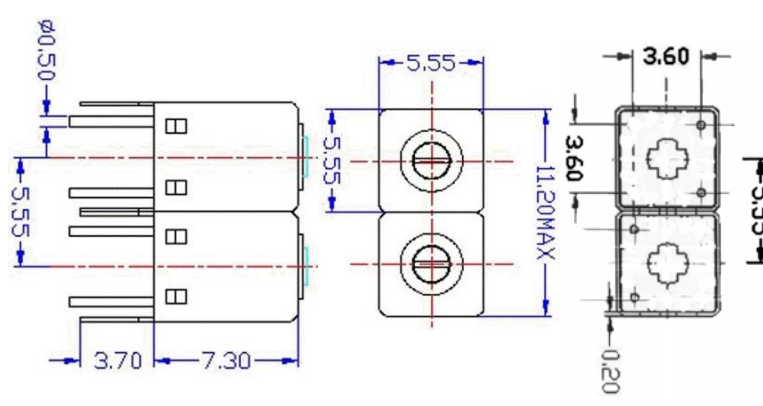


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2635A-440M
Approval No. /dated	20201062DB	Acceptable Specify Fo. Range	400~450MHz
Work Instruction No.	20201062DB	Date	Jul.22.2002

<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 %	440 MHz	440 MHz	
Tunable Range:	440±10 MHz	440±10 MHz	
Insertion Loss	Typ. 3.5 dB	2.8 dB	
-3 dB Bandwidth	Typ. 10 MHz	14.7 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 26 dBc	29 dBc
	Fo + 50 MHz	Typ. 32 dBc	35 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
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Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5R2S(3.8*3.7)

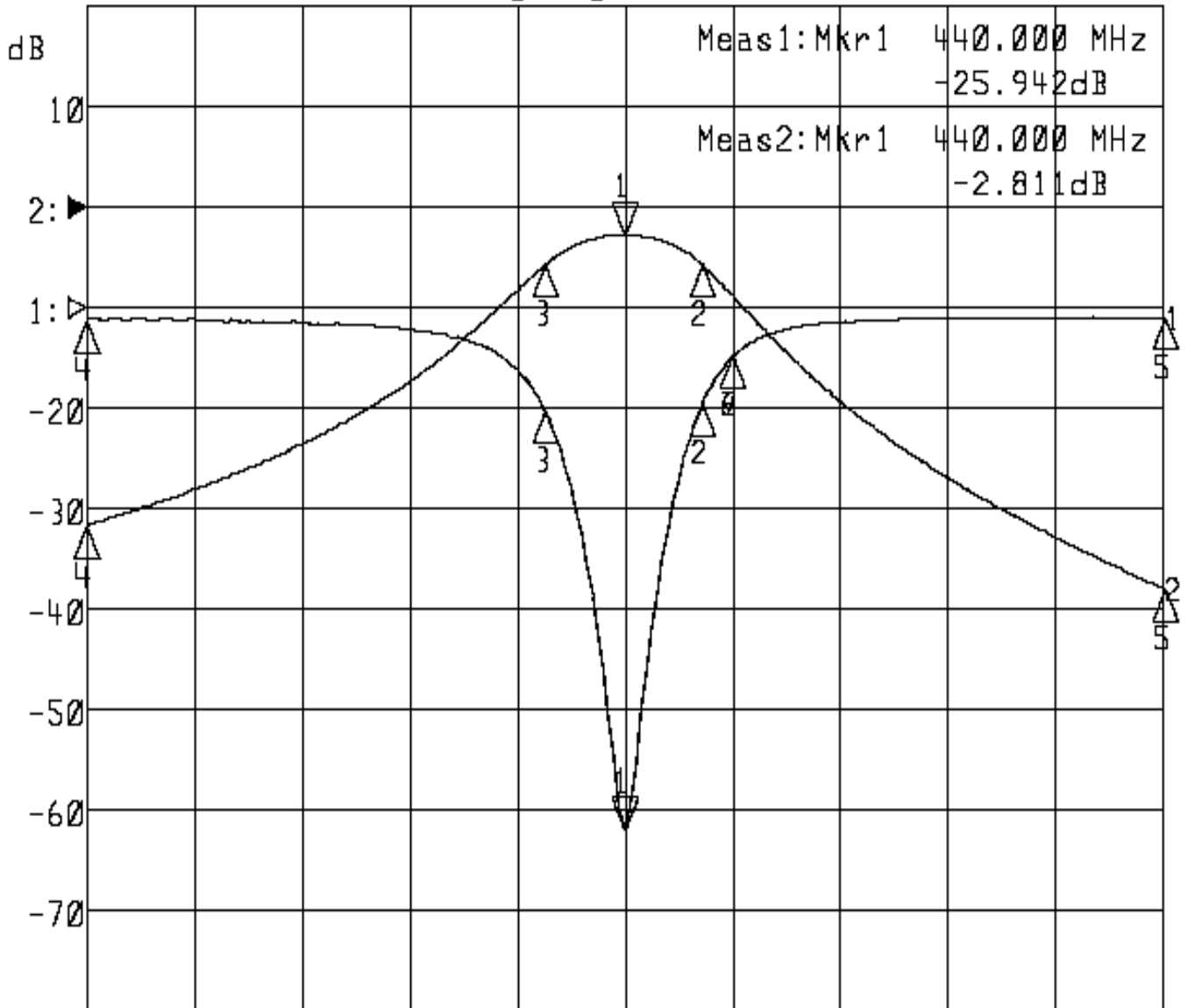
TEMWELL CORPORATION

Performance-TDR2635A-440M

20201062DB

▶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 440.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 440.0000	-25.942	1> 440.0000	-2.811
2: 447.2000	-4.772	2: 447.2000	-5.747
3: 432.5867	-5.111	3: 432.5867	-5.753
4: 390.0000	-0.580	4: 390.0000	-31.684
5: 490.0000	-0.492	5: 490.0000	-37.906
6: 450.0000	-2.416		
7: 450.0000	-2.416		