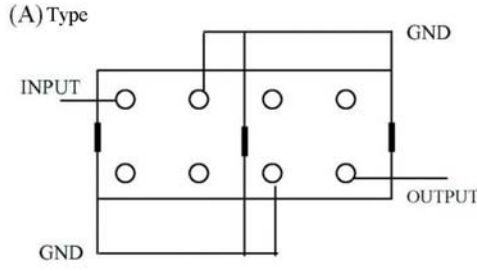
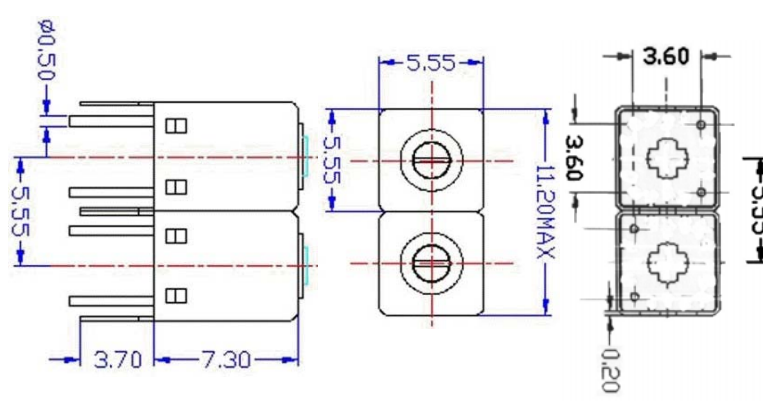


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2630A-400M
Approval No. /dated	20201054DC	Acceptable Specify Fo. Range	350~400MHz
Work Instruction No.	20201054DC	Date	Aug.08.2002

<p>(1)Pin Position</p>  <p>(A)Type GND INPUT OUTPUT GND (Bottom View)</p>	<p>(2)Size Diagram</p> 
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(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	400 MHz	400 MHz	
Tunable Range:	400±10 MHz	400±10 MHz	
Insertion Loss	Typ. 3.5 dB	2.8 dB	
-3 dB Bandwidth	Typ. 15 MHz	19.2 MHz	
Sensitivity (Attenuation )	Fo - 50 MHz	Typ. 22 dBc	25 dBc
	Fo + 50 MHz	Typ. 24 dBc	27 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	17 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*3.7)

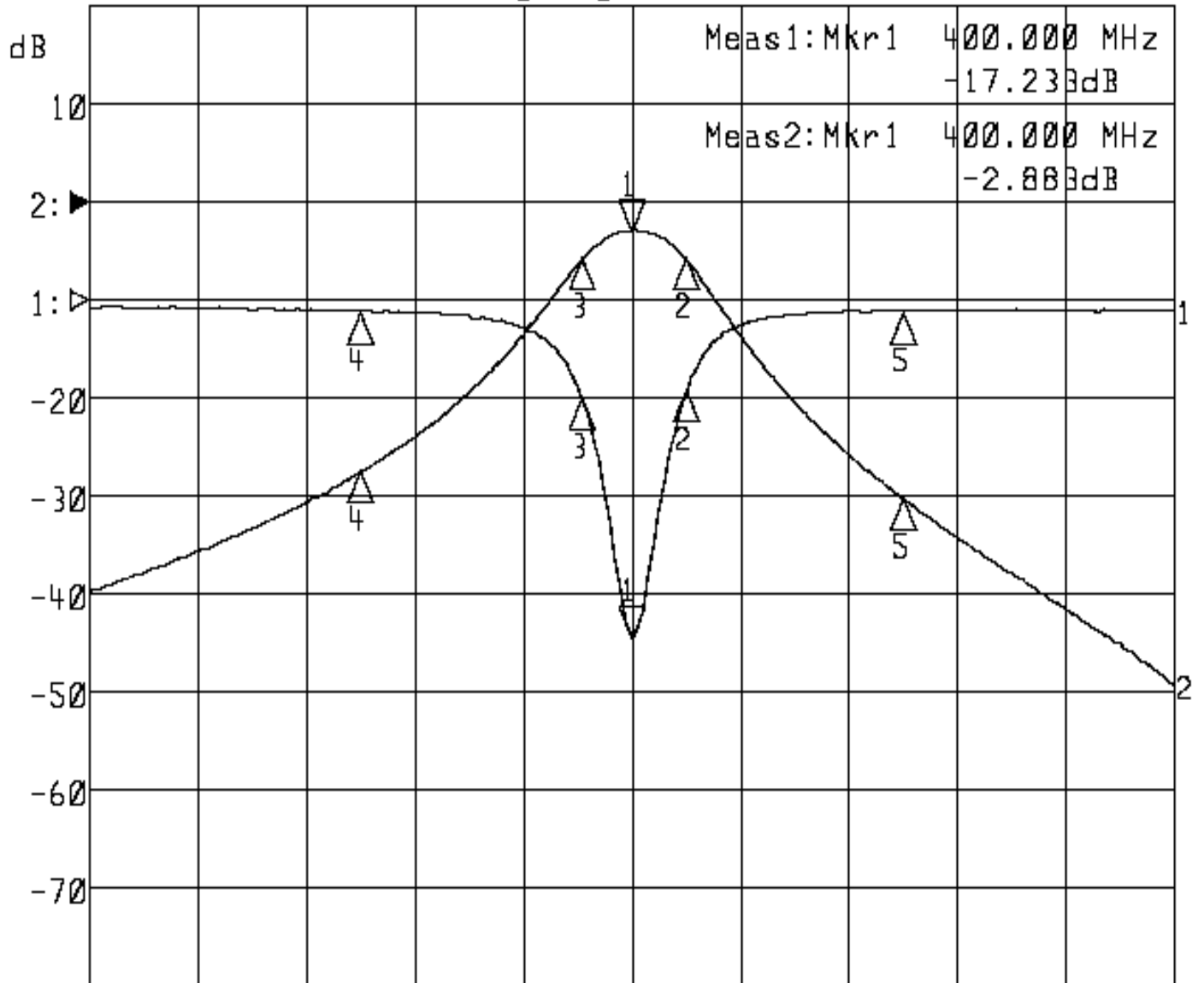
TEMWELL CORPORATION

# Performance-TDR2630A-400M

## 20201054DC

▶1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C

▶2:S12 Rev Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 400.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 400.0000	-17.233	1> 400.0000	-2.883
2: 410.0667	-4.643	2: 410.0667	-5.842
3: 390.8667	-4.984	3: 390.8667	-5.833
4: 350.0000	-0.576	4: 350.0000	-27.617
5: 450.0000	-0.573	5: 450.0000	-30.314