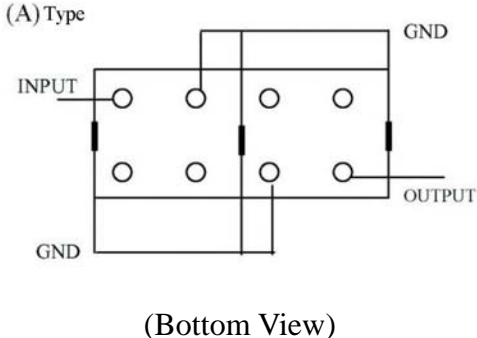
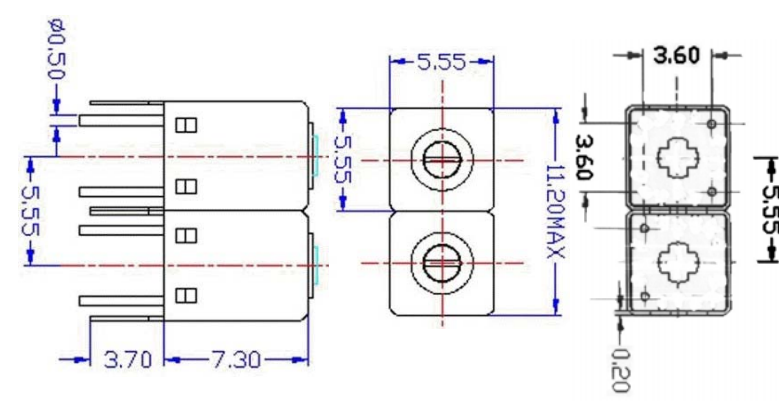


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2628A-360M
Approval No. /dated	20201094DC	Acceptable Specify Fo. Range	350~400MHz
Work Instruction No.	20201094DC	Date	May.30.2003

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

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	360 MHz	360 MHz	
Tunable Range:	360±8 MHz	360±8 MHz	
Insertion Loss	Typ. 2.5 dB	1.9 dB	
-3 dB Bandwidth	Typ. 16 MHz	19.6 MHz	
Sensitivity (Attenuation )	Fo - 50 MHz	Typ. 23 dBc	26 dBc
	Fo + 50 MHz	Typ. 25 dBc	28 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	22 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)

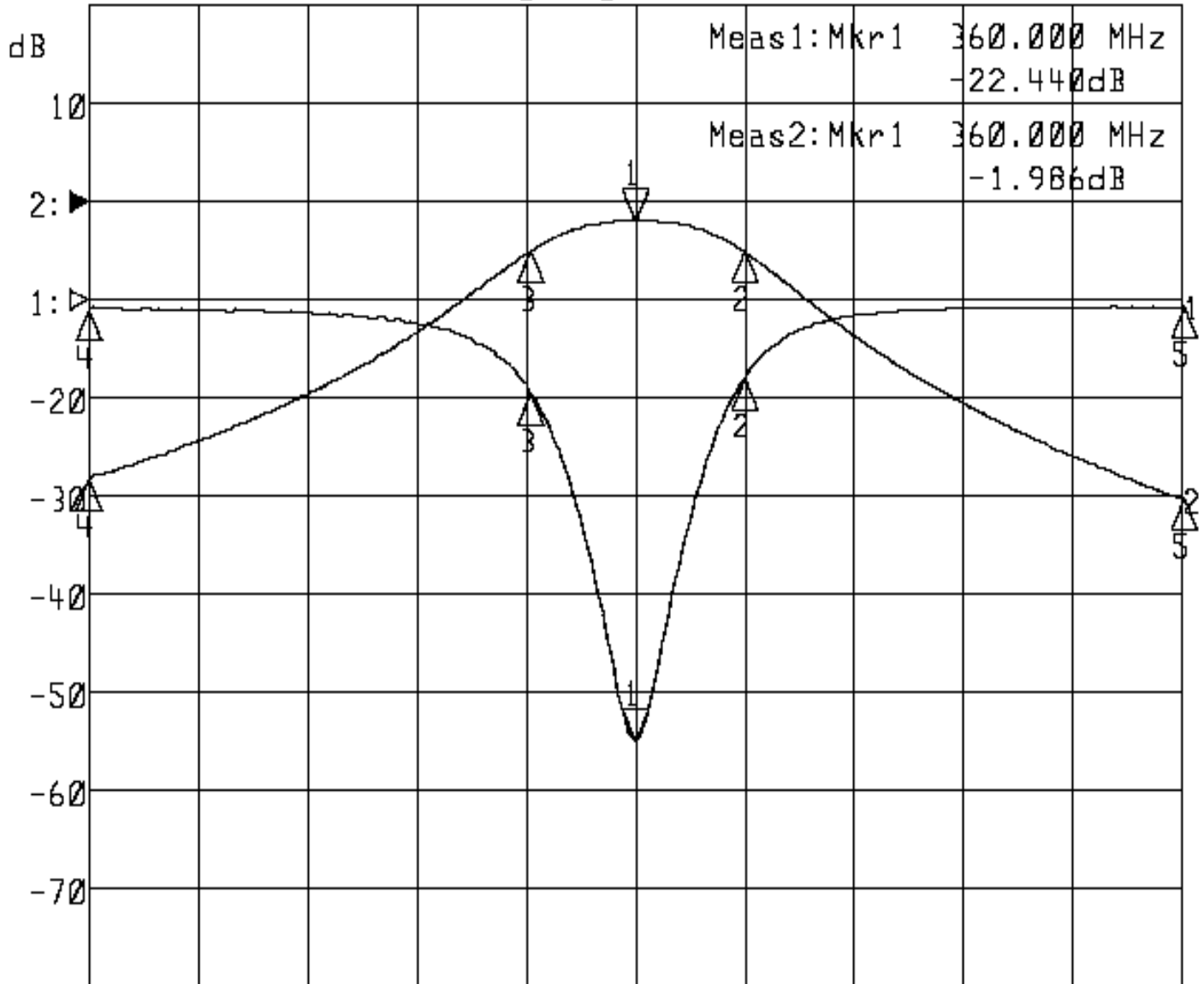
TEMWELL CORPORATION

# Performance-TDR2628A-360M

## 20201094DC

▶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 360.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 360.0000	-22.440	1> 360.0000	-1.986
2: 370.0000	-3.944	2: 370.0000	-5.089
3: 350.4667	-4.785	3: 350.4667	-5.068
4: 310.0000	-0.483	4: 310.0000	-28.211
5: 410.0000	-0.355	5: 410.0000	-30.294