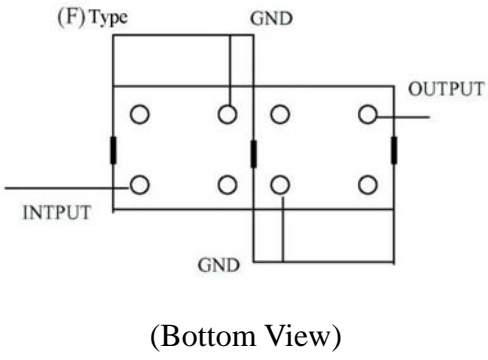
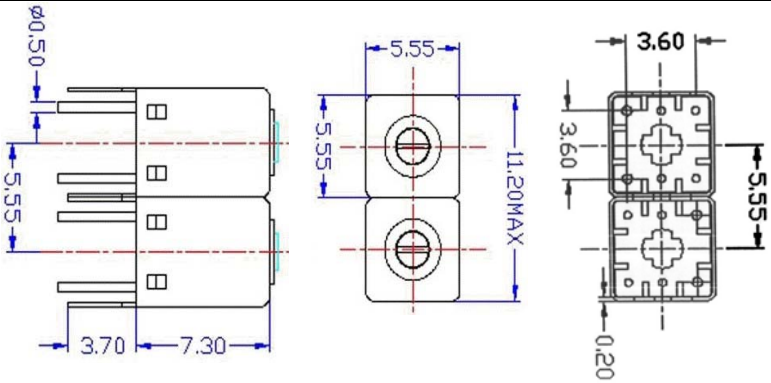


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2638F-460M
Approval No. /dated	20201068DC	Acceptable Specify Fo. Range	450~500MHz
Work Instruction No.	20201068DC	Date	Jan.28.2002

<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 %	460 MHz	460 MHz	
Tunable Range:	460±10 MHz	460±10 MHz	
Insertion Loss	Typ. 2.5 dB	1.7 dB	
-3 dB Bandwidth	Typ. 20 MHz	24.1 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 19 dBc	22 dBc
	Fo + 50 MHz	Typ. 21 dBc	24 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	33 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

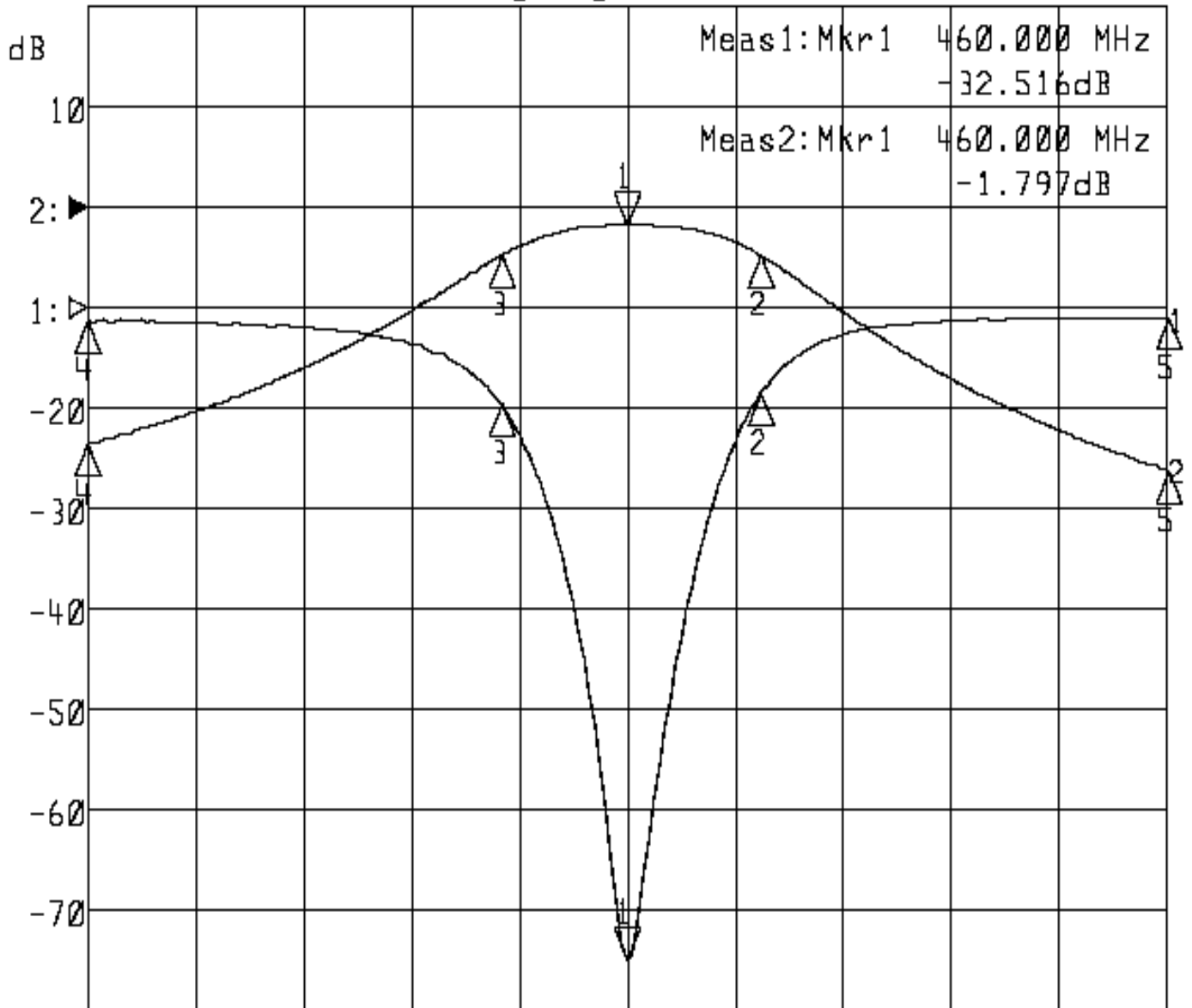
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5R2S(3.8*4.2)

TEMWELL CORPORATION

Performance-TDR2638F-460M

20201068DC

▶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 460.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 460.0000	-32.516	1> 460.0000	-1.797
2: 472.4000	-4.258	2: 472.4000	-4.766
3: 448.3667	-4.795	3: 448.3667	-4.742
4: 410.0000	-0.607	4: 410.0000	-23.612
5: 510.0000	-0.544	5: 510.0000	-26.193