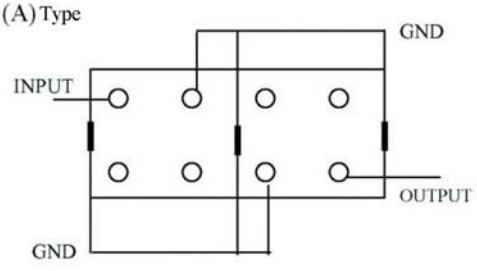
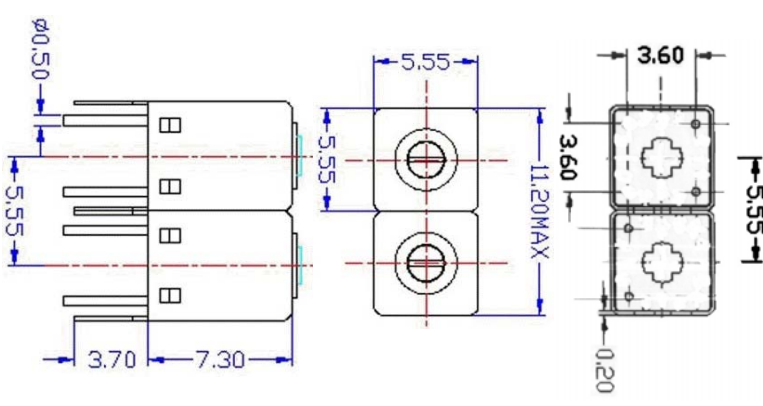


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2632A-480M
Approval No. /dated	20201070DC	Acceptable Specify Fo. Range	450~500MHz
Work Instruction No.	20201070DC	Date	Jul.23.2002

<p>(1)Pin Position</p>  <p style="text-align: center;">(Bottom View)</p>	<p>(2)Size Diagram</p> 
---	---

(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	480 MHz	480 MHz	
Tunable Range:	480±10 MHz	480±10 MHz	
Insertion Loss	Typ. 3.5 dB	2.8 dB	
-3 dB Bandwidth	Typ. 11 MHz	15.7 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 24 dBc	27 dBc
	Fo + 50 MHz	Typ. 29 dBc	32 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	15 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)

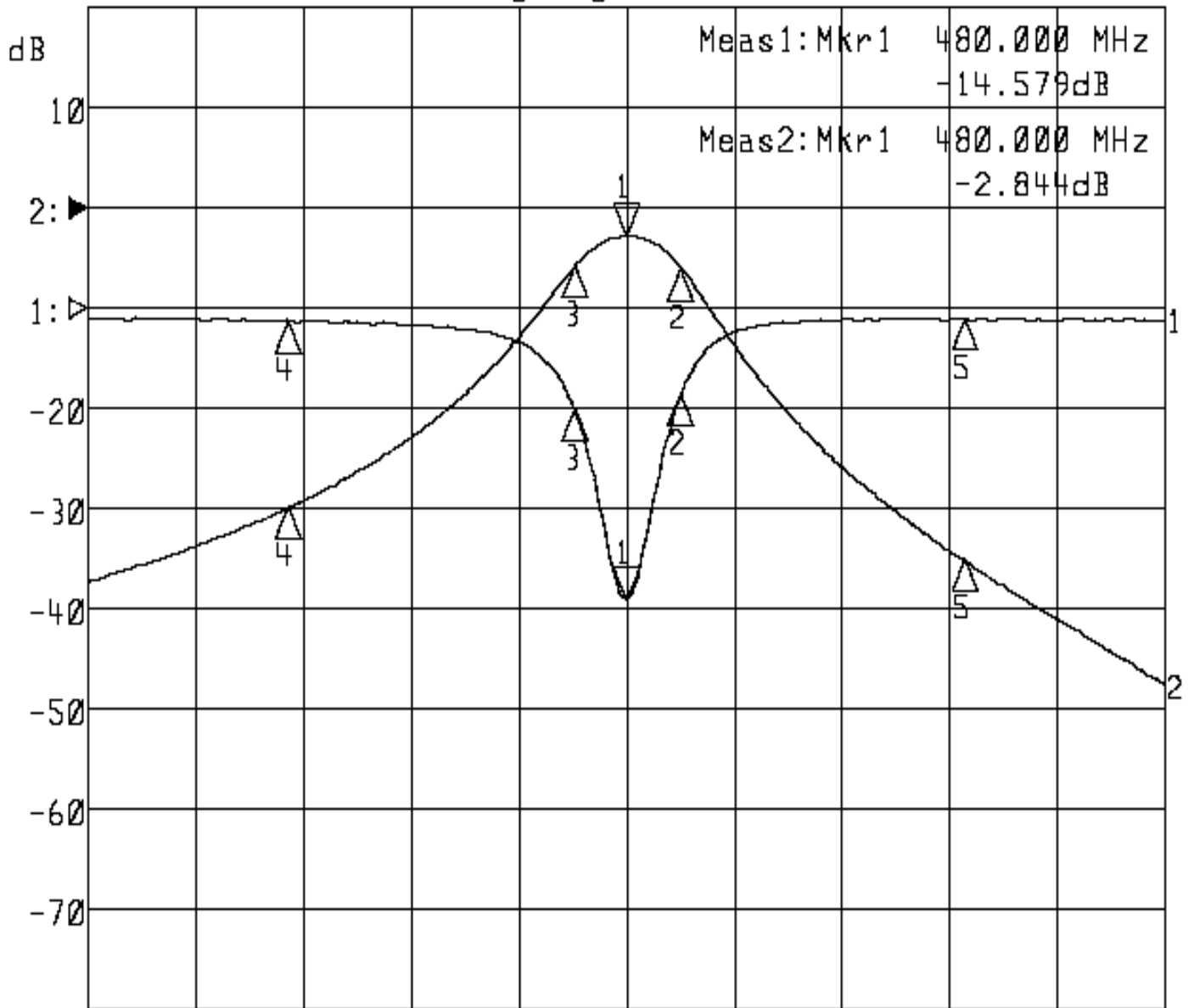
TEMWELL CORPORATION

RF Filter & Duplexer Manufacturer : TDR2632A-480M rvbw 0505

Performance-TDR2632A-480M

20201070DC

▶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 480.000 MHz

Span 160.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 480.0000	-14.579	1> 480.0000	-2.844
2: 488.0867	-4.295	2: 488.0867	-5.883
3: 472.3133	-5.030	3: 472.3133	-5.860
4: 430.0000	-0.602	4: 430.0000	-29.848
5: 530.0000	-0.537	5: 530.0000	-35.073