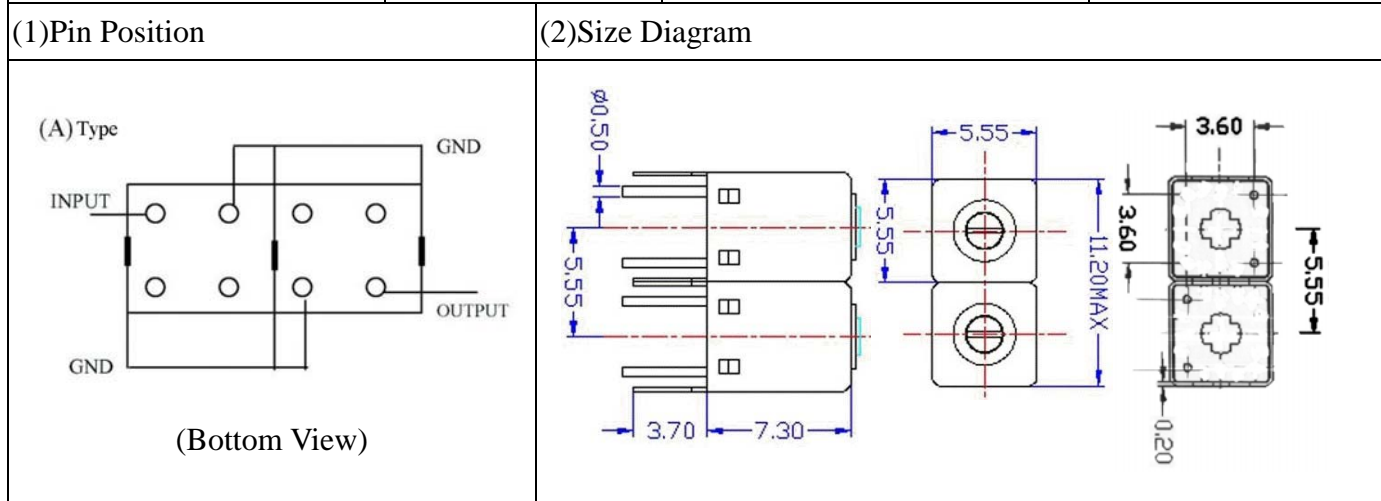


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDR2631A-460M
Approval No. /dated	20201066DC	Acceptable Specify Fo. Range	450~500MHz
Work Instruction No.	20201066DC	Date	Jul.22.2002



(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. 3.5 dB	2.7 dB	
-3 dB Bandwidth	Typ. 11 MHz	15.5 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 24 dBc	27 dBc
	Fo + 50 MHz	Typ. 31 dBc	34 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	18 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)

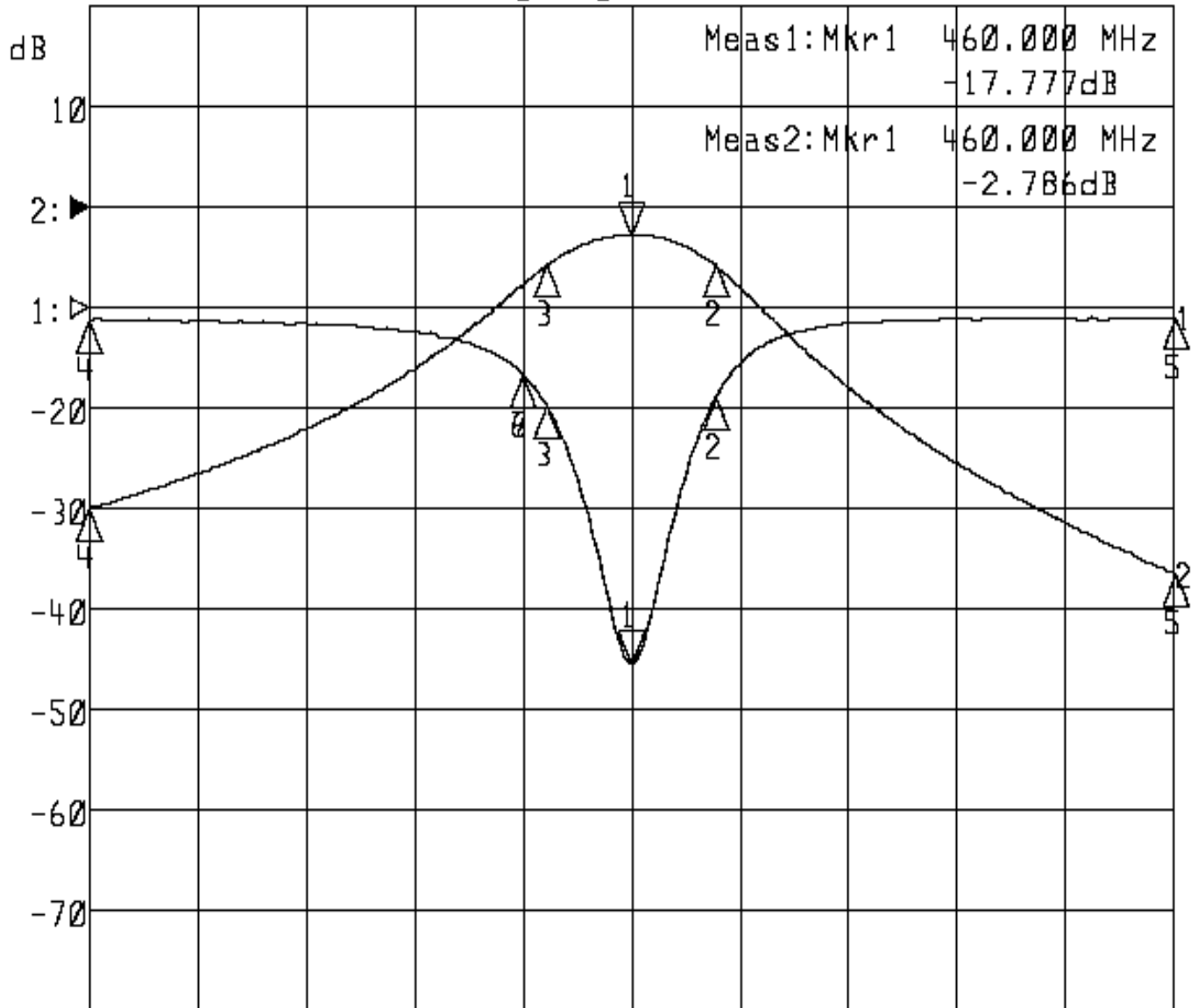
TEMWELL CORPORATION

Performance-TDR2631A-460M

20201066DC

▶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	-17.777	1> 460.0000	-2.786
2: 467.7000	-4.545	2: 467.7000	-5.730
3: 452.2867	-4.925	3: 452.2867	-5.750
4: 410.0000	-0.665	4: 410.0000	-30.036
5: 510.0000	-0.470	5: 510.0000	-36.383
6: 450.0000	-3.330		
7: 450.0000	-3.330		