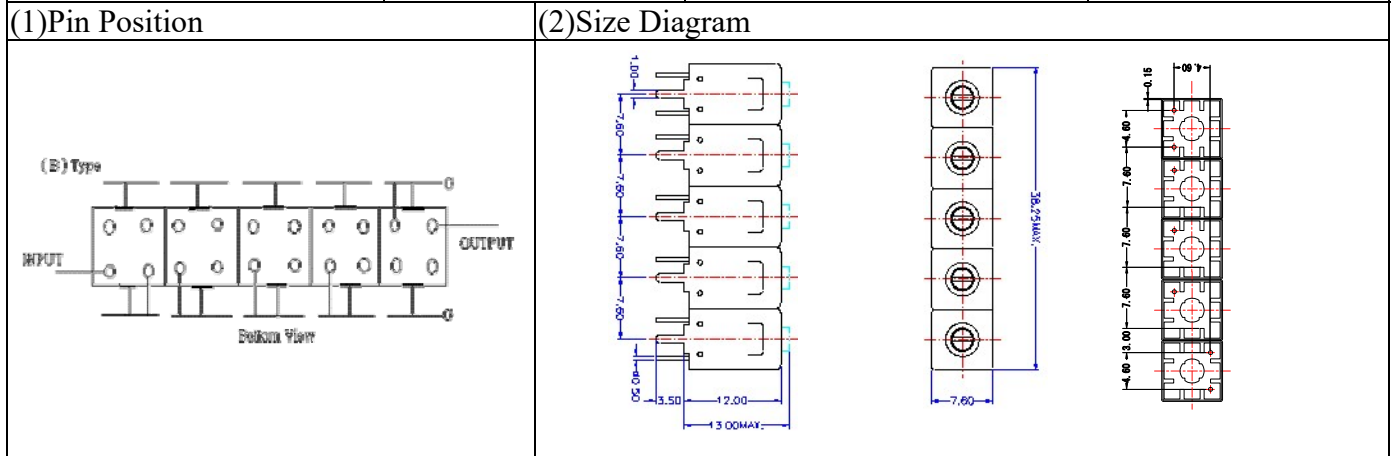


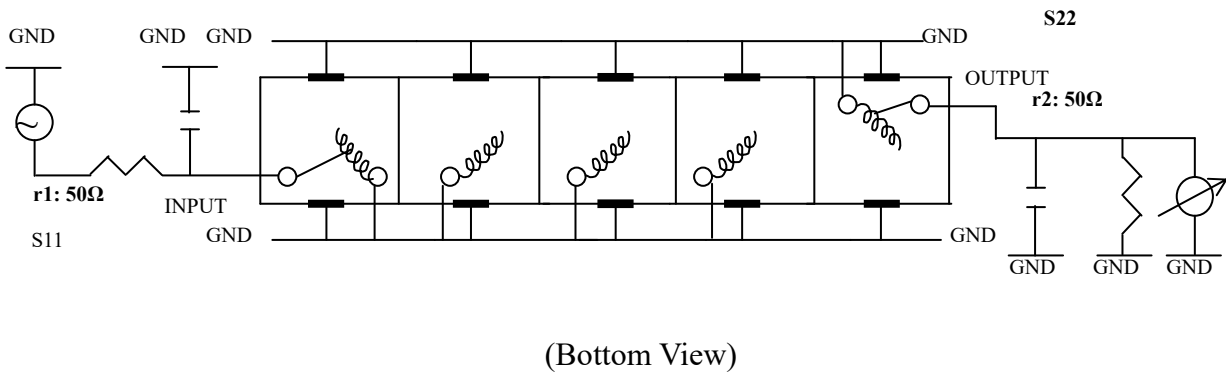
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV65497B-1500M
Approval No. /dated	202002057CD	Temwell's Print name.	65497B 1500M
Work Instruction No.	202002057CD	Date	Mar.13.2020



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1500 MHz	1500 MHz
Insertion Loss		Typ. 7.0 dB	5.78 dB
-3 dB Bandwidth		Typ. 20 MHz	28.8 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 53 dBc	63 dBc
	Fo + 100 MHz	Typ. 47 dBc	52 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	22.8 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		0°C ~ +60°C	
Storage Temperature		-20°C ~ +70°C	
(6) Input Power		> 1Watt	

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).



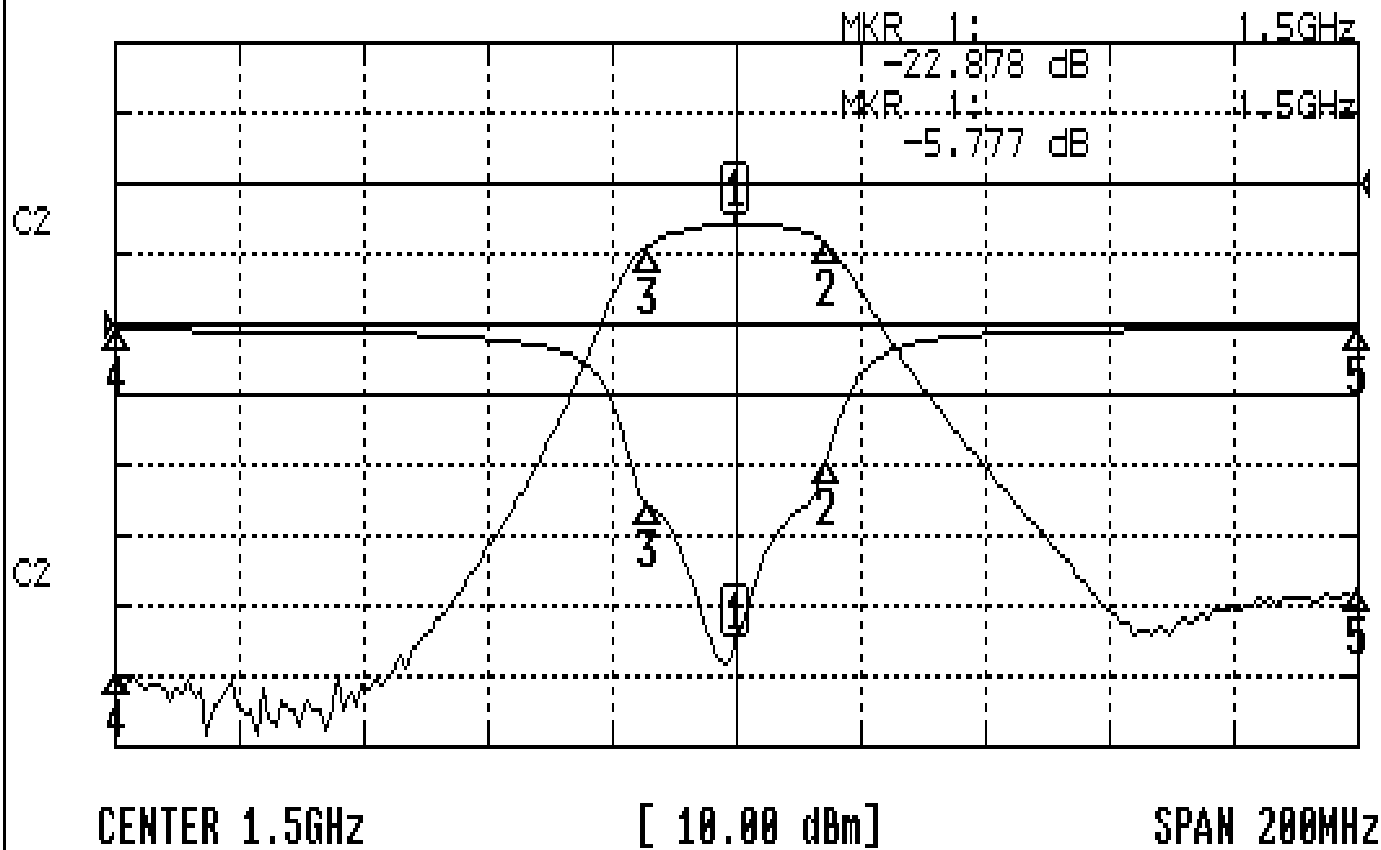
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	Z.Y.Wang	7H5S(4*6.5)(6.53) 7H046RB4.3 聚 3(J1)(K)

TEMWELL CORPORATION

Performance-TV65497B-1500M

202002057CD

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CH1 MARKER LIST

Marker	Freq (GHz)	Magnitude (dB)
1	1.500000	-22.881
2	1.514666	-9.660
3	1.485800	-12.724
4	1.400000	-0.405
5	1.600000	-0.348

CH2 MARKER LIST

Marker	Freq (GHz)	Magnitude (dB)
1	1.500000	-5.780
2	1.514666	-0.778
3	1.485800	-0.748
4	1.400000	-9.086
5	1.600000	-8.346