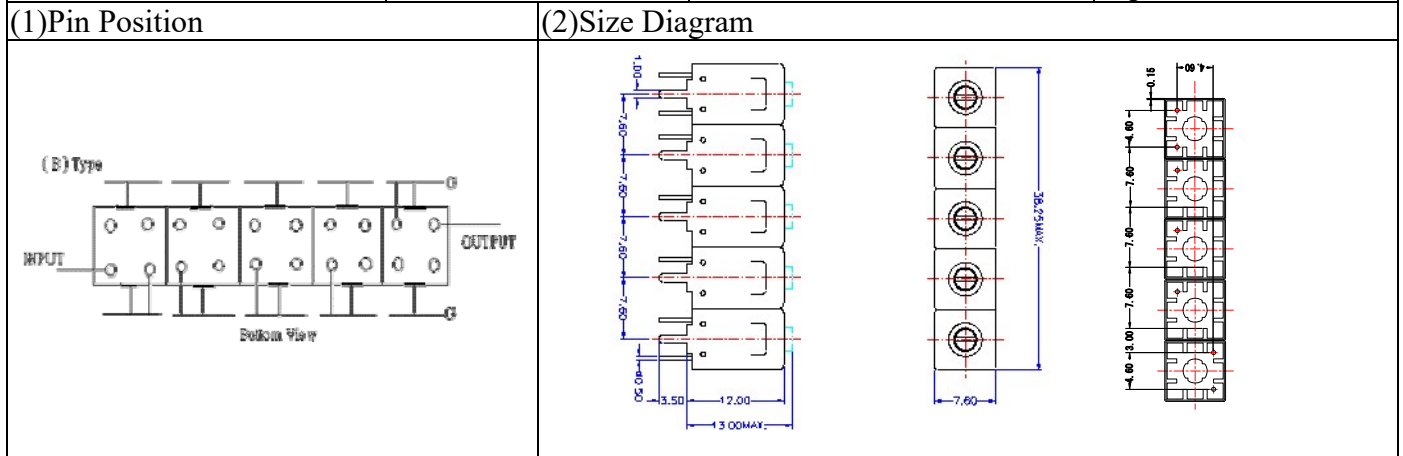


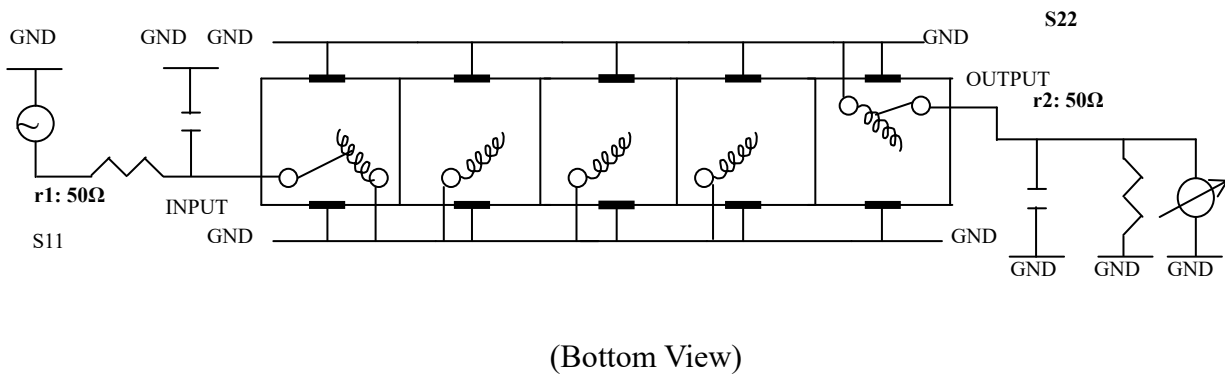
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70869B-350M
Approval No. /dated		Temwell's Print name.	70869B 350M
Work Instruction No.	202008038CD	Date	Sep.10.2020



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		350 MHz	350 MHz
Insertion Loss		Typ. 2.0 dB	0.76 dB
-3 dB Bandwidth		Typ. 88 MHz	89.8 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 56 dBc	66 dBc
	Fo + 100 MHz	Typ. 29 dBc	34 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	26.3 dB
Ripple		< 1 dB	dB
Impedance		In / Out : 50 Ω	In / Out : 50 Ω
(4) Torque for Tuning Screw		> 100gf · 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(- -).

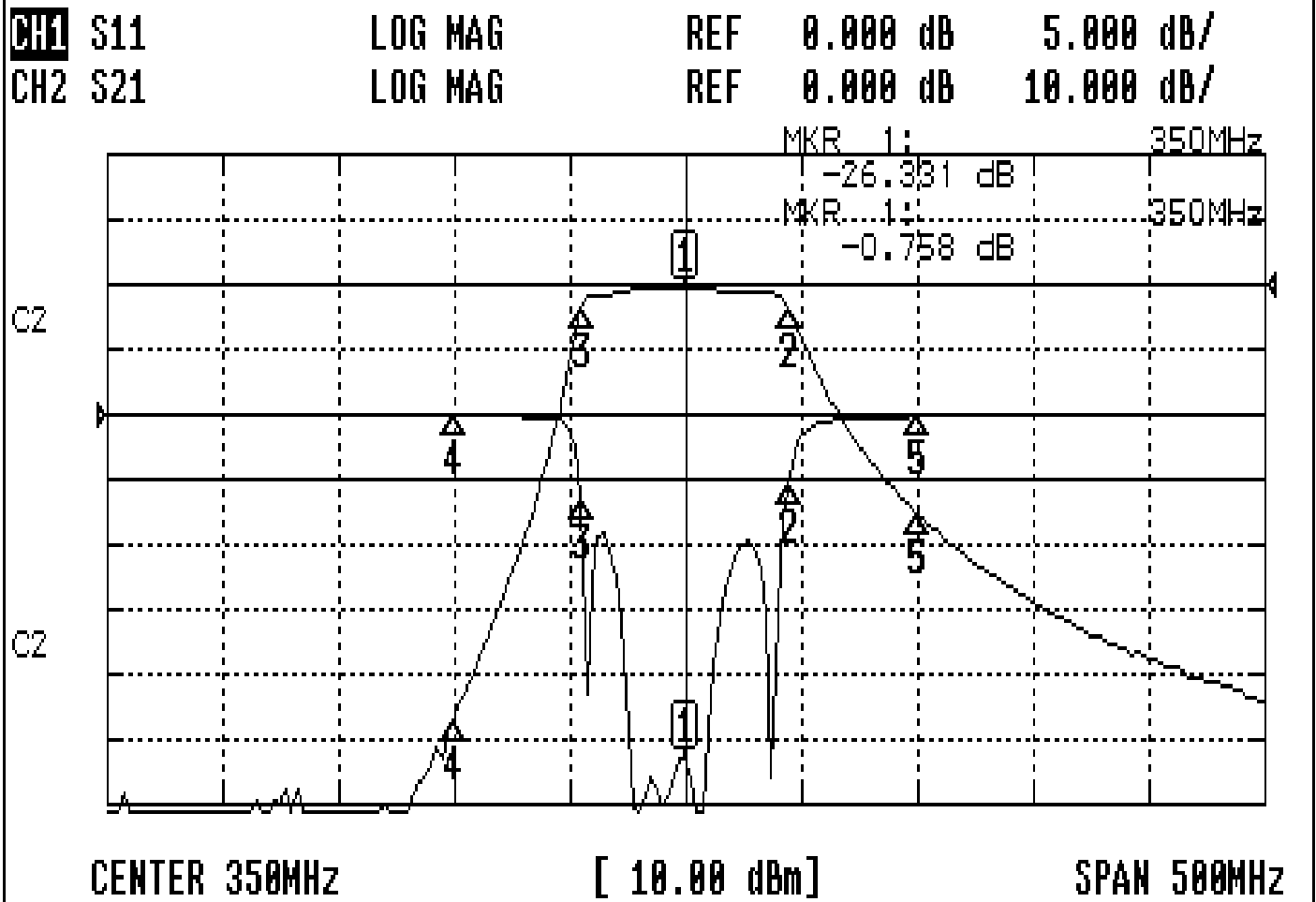


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	Z.Y.Wang	7H5S(4*8.0)(8.03) 7H046RB6.5

TEMWELL CORPORATION

# Performance-TV70869B-350M

## 202008038CD



### CH1 MARKER LIST

1	350.000MHz	-26.331	dB
2	394.780MHz	-14.994	dB
3	304.950MHz	-11.294	dB
4	250.000MHz	-0.098	dB
5	450.000MHz	-0.133	dB

### CH2 MARKER LIST

1	350.000MHz	-10.764	dB
2	394.780MHz	-11.770	dB
3	304.950MHz	-11.783	dB
4	250.000MHz	-31.228	dB
5	450.000MHz	-35.088	dB