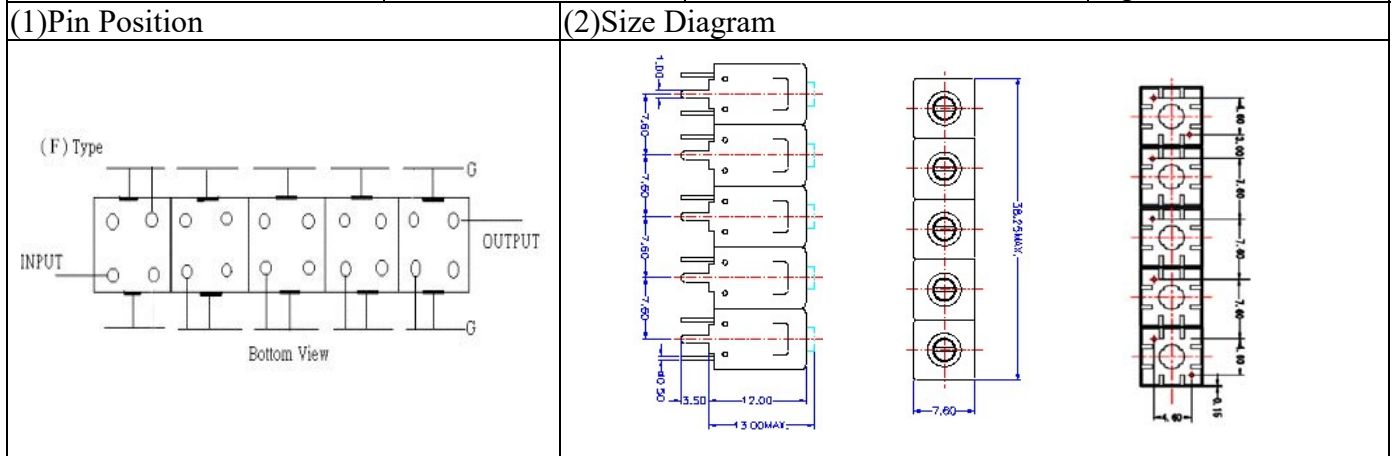


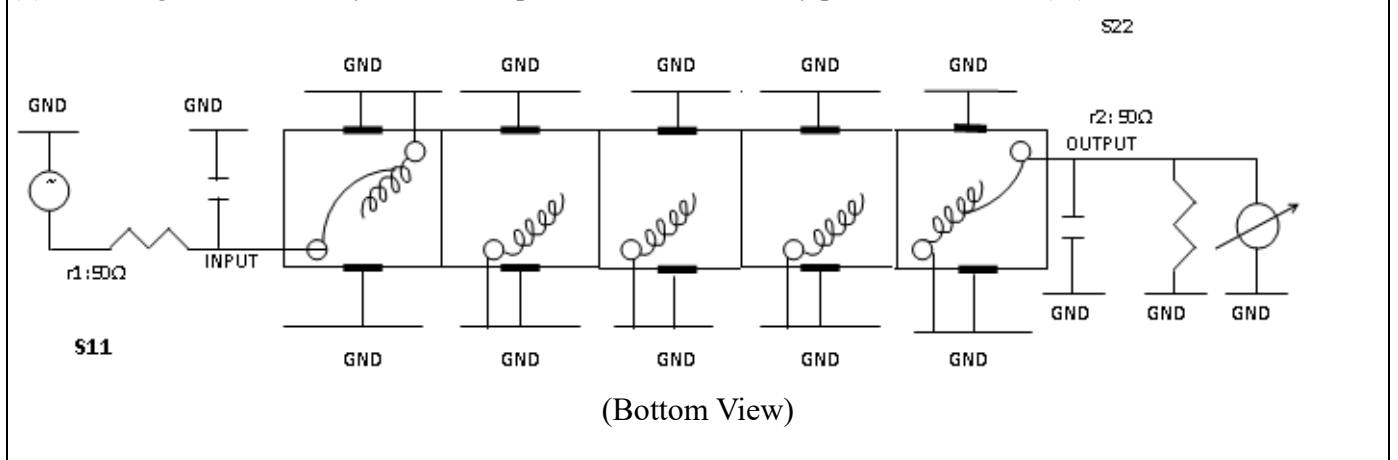
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV65363F-706M
Approval No. /dated		Temwell's Print Name.	65363F 706M
Work Instruction No.	202008014CD	Date	Sep.01.2020



(3) Electric Character		Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %			706 MHz	706 MHz
Insertion Loss		Typ.	2.5 dB	1.29 dB
-3 dB Bandwidth		Typ.	104 MHz	108.7 MHz
Sensitivity (Attenuation)	Fo - 102 MHz	Typ.	35 dBc	40 dBc
	Fo + 102 MHz	Typ.	25 dBc	30 dBc
	Fo - ()MHz	Typ.	dB	dB
	Fo +()MHz	Typ.	dB	dB
Return Loss		Min.	12 dB	16.0 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			> 1 Watt	

(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*7.5)(7.52) 7H046RB6.5(J1)

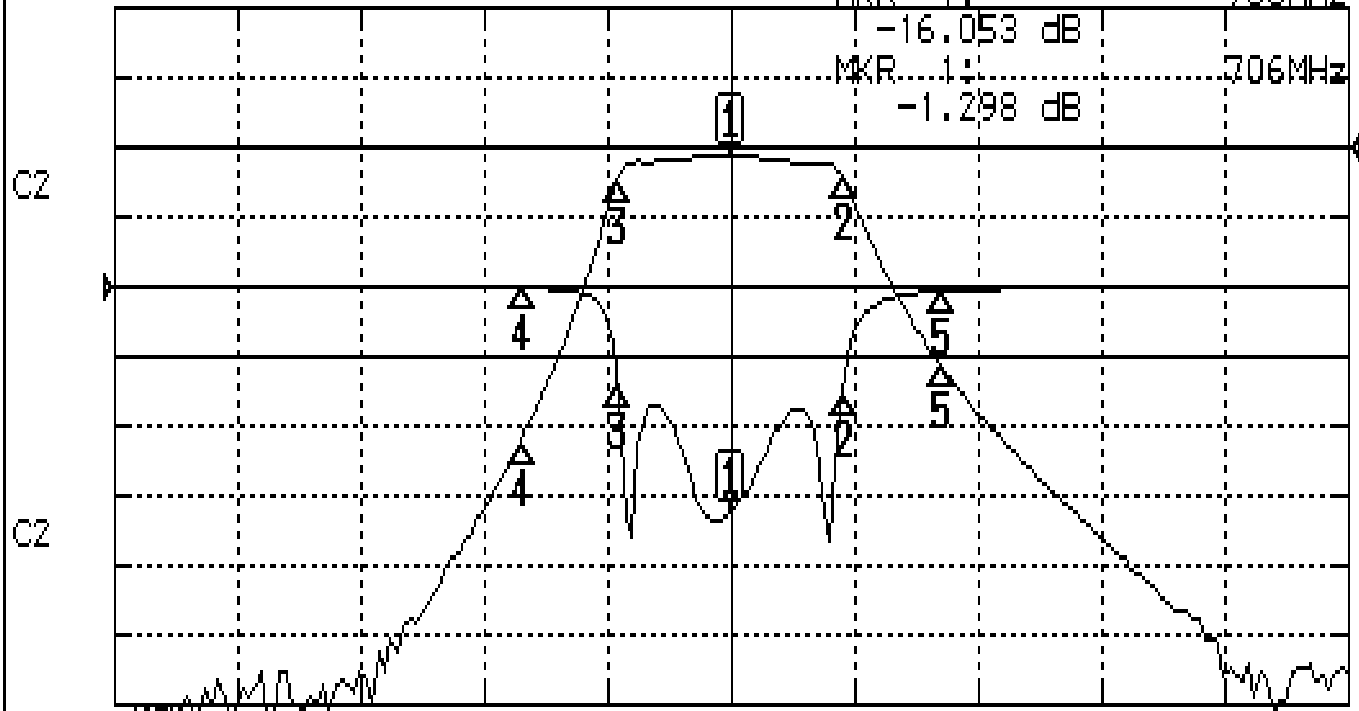
TEMWELL CORPORATION

Performance-TV65363F-706M

202008014CD

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

MKR 1: 706MHz
-16.053 dB
MKR 1: 706MHz
-1.298 dB



CENTER 706MHz

[10.00 dBm]

SPAN 600MHz

CH1 MARKER LIST

1	706.000MHz	-16.053	dB
2	760.200MHz	-7.517	dB
3	651.450MHz	-7.099	dB
4	604.000MHz	-0.079	dB
5	808.000MHz	-0.332	dB

CH2 MARKER LIST

1	706.000MHz	-1.298	dB
2	760.200MHz	-4.296	dB
3	651.450MHz	-4.300	dB
4	604.000MHz	-42.141	dB
5	808.000MHz	-31.205	dB