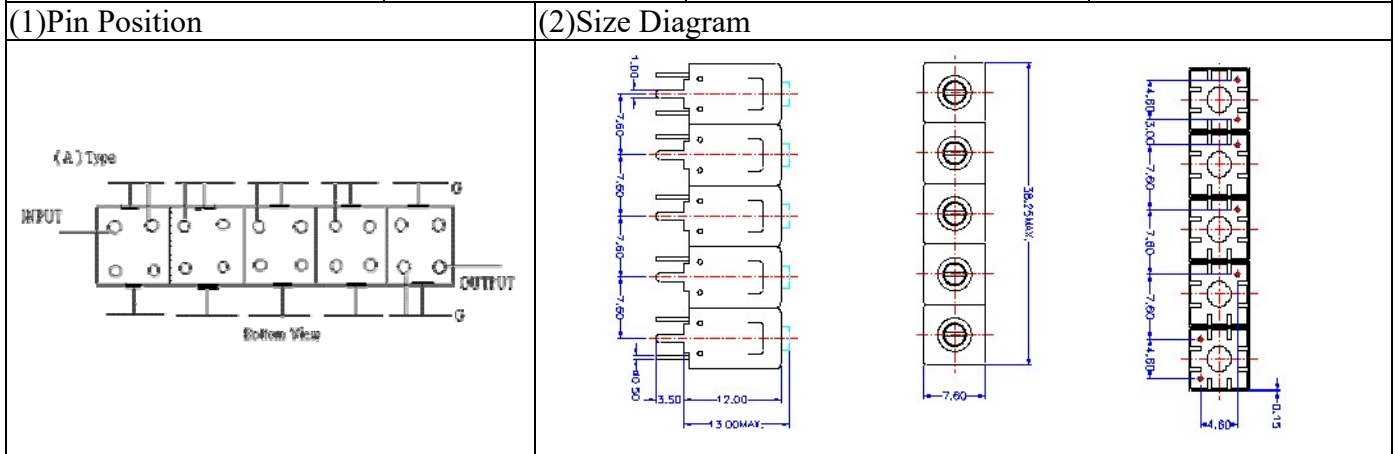


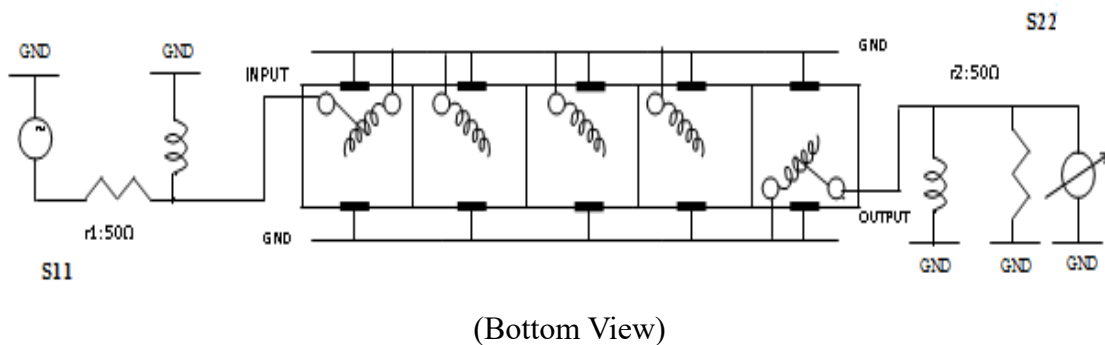
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70342A-960M
Approval No. /dated	202002035CD	Temwell's Print Name.	70342A 960M
Work Instruction No.	202002035CD	Date	Feb.27.2020



(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		960 MHz	960 MHz
Insertion Loss		Typ. 3.0 dB	2.14 dB
-3 dB Bandwidth		Typ. 60 MHz	65.1 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 62 dBc	72 dBc
	Fo + 100 MHz	Typ. 40 dBc	45 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	20.7 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(- -).

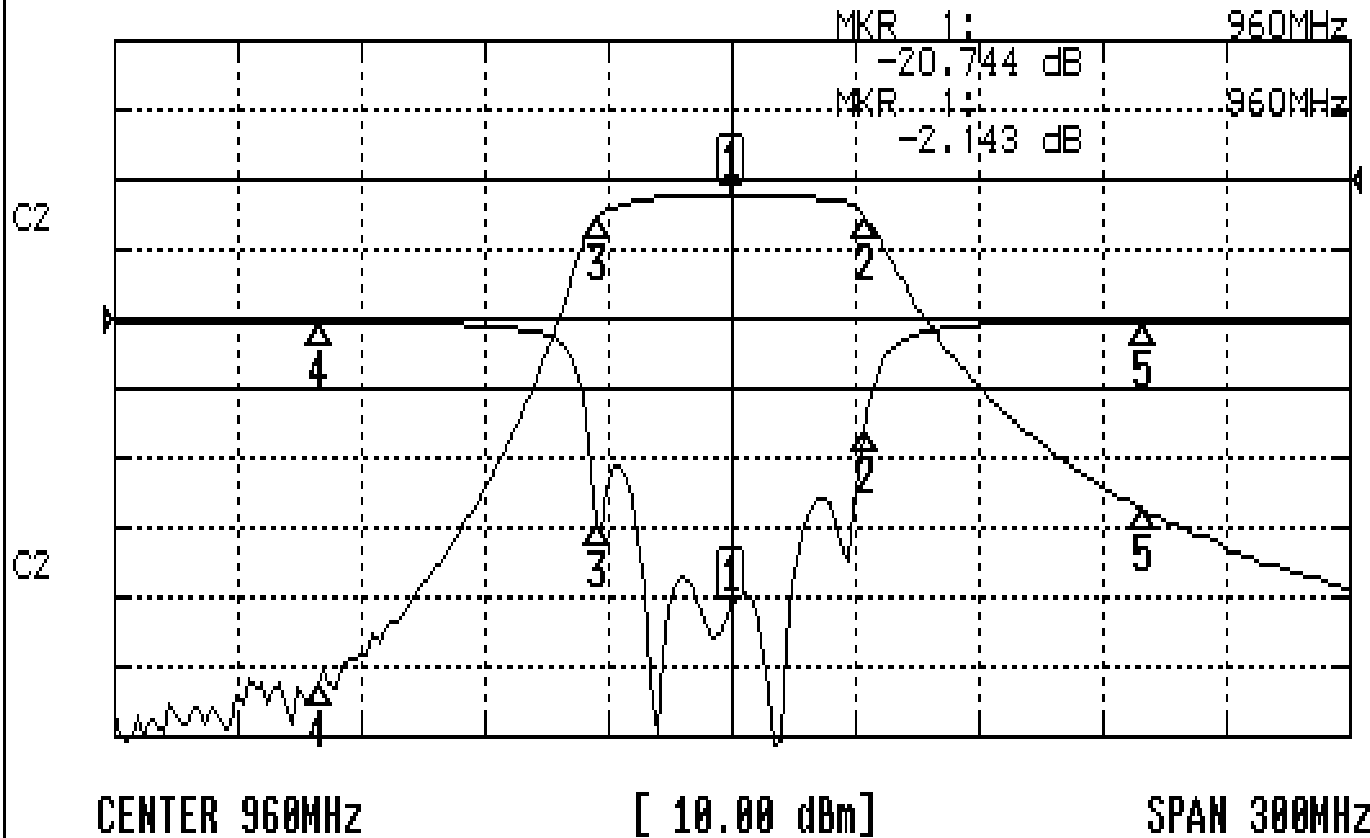


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	C.H.Yeh	7H5S(4*8.0)(8.02) 7H046LB5
TEMWELL CORPORATION			

Performance- TV70342A-960M

202002035CD

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	Frequency	Magnitude
1	960.000MHz	-20.744 dB
2	992.400MHz	-7.969 dB
3	927.300MHz	-14.878 dB
4	860.000MHz	-0.231 dB
5	1.060 000GHz	-0.229 dB

CH2 MARKER LIST

Marker	Frequency	Magnitude
1	960.000MHz	-2.143 dB
2	992.400MHz	-15.175 dB
3	927.300MHz	-15.121 dB
4	860.000MHz	-74.821 dB
5	1.060 000GHz	-47.369 dB