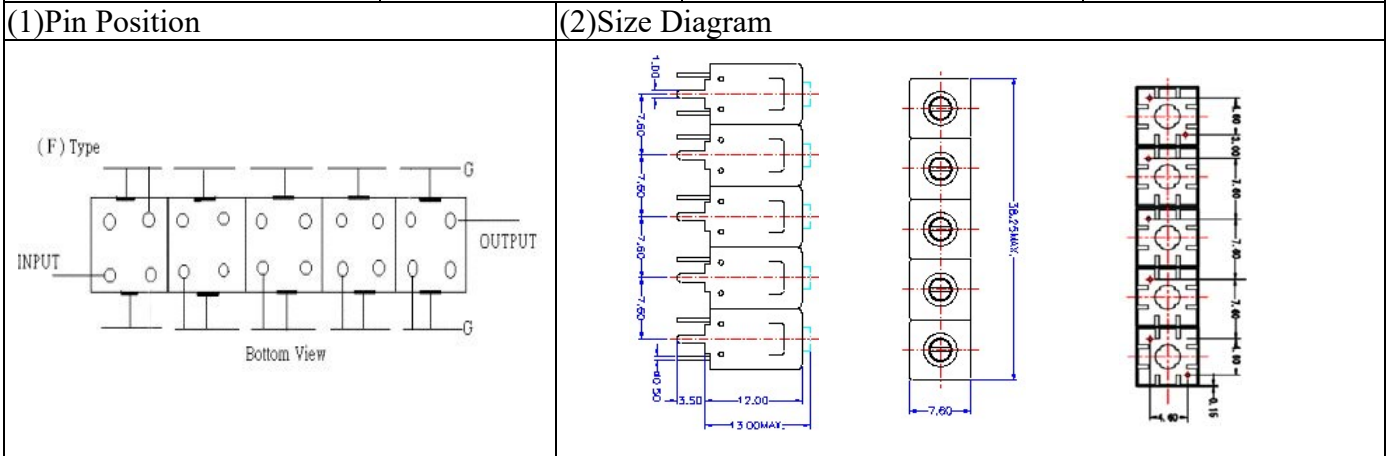


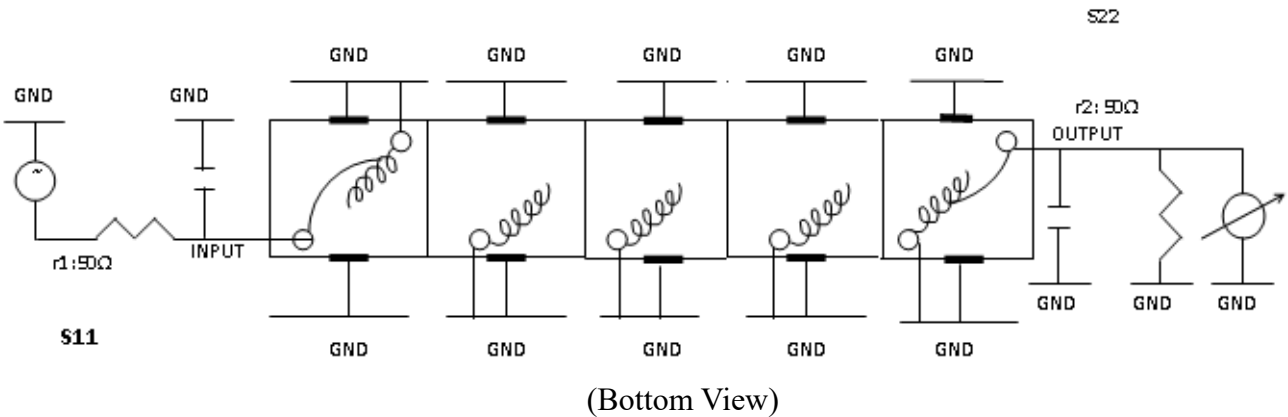
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV65447F-920M
Approval No. /dated	202002031CD	Temwell's Print Name.	65447F 920M
Work Instruction No.	202002031CD	Date	Feb.26.2020



(3) Electric Character			
Item	Specify		Performance
Center Freq.(Fo) +/- 0.5 %	920	MHz	920 MHz
Insertion Loss	Typ. 3.0	dB	1.77 dB
-3 dB Bandwidth	Typ. 80	MHz	87.0 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 55 dBc	60 dBc
	Fo + 100 MHz	Typ. 30 dBc	35 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12	dB	20.6 dB
Ripple	< 1	dB	dB
Impedance	In / Out : 50 Ω		In / Out : 50 Ω
<p>(4) Torque for Tuning Screw</p>		> 60gf · cm	
<p>(5) Temperature Condition:</p>			
Operating Temperature		0°C ~ +60°C	
Storage Temperature		-20°C ~ +70°C	
<p>(6) Input Power</p>		> 1Watt	

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

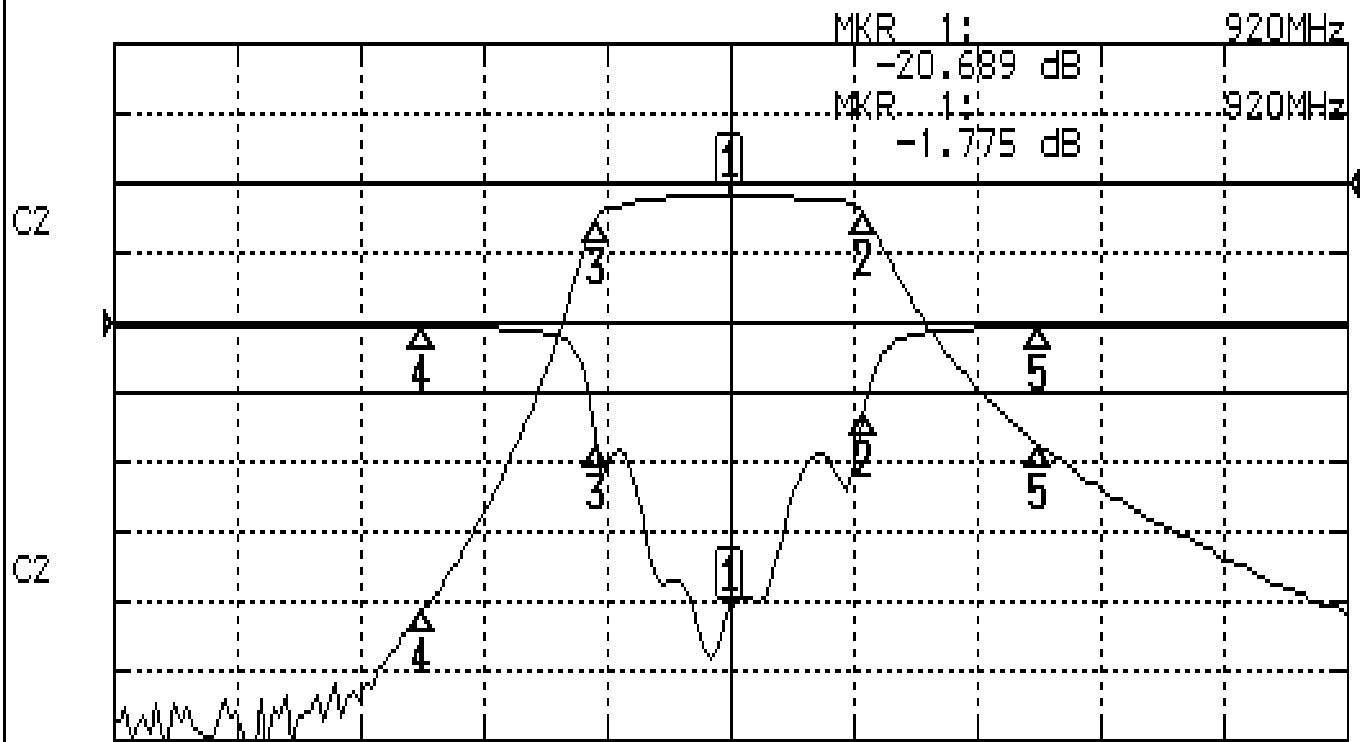


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	M.Y.Kang	7H5S(4*7.5)(7.57) 7H046LB5.5-J1

# Performance- TV65447F-920M

## 202002031CD

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



CENTER 920MHz

[ 10.00 dBm ]

SPAN 400MHz

### CH1 MARKER LIST

1:	920.000MHz	-20.689	dB
2:	963.800MHz	-1.774	dB
3:	876.800MHz	-4.765	dB
4:	820.000MHz	-4.773	dB
5:	1.020 000GHz	-61.831	dB

### CH2 MARKER LIST

1:	920.000MHz	-1.774	dB
2:	963.800MHz	-4.765	dB
3:	876.800MHz	-4.773	dB
4:	820.000MHz	-61.831	dB
5:	1.020 000GHz	-37.415	dB