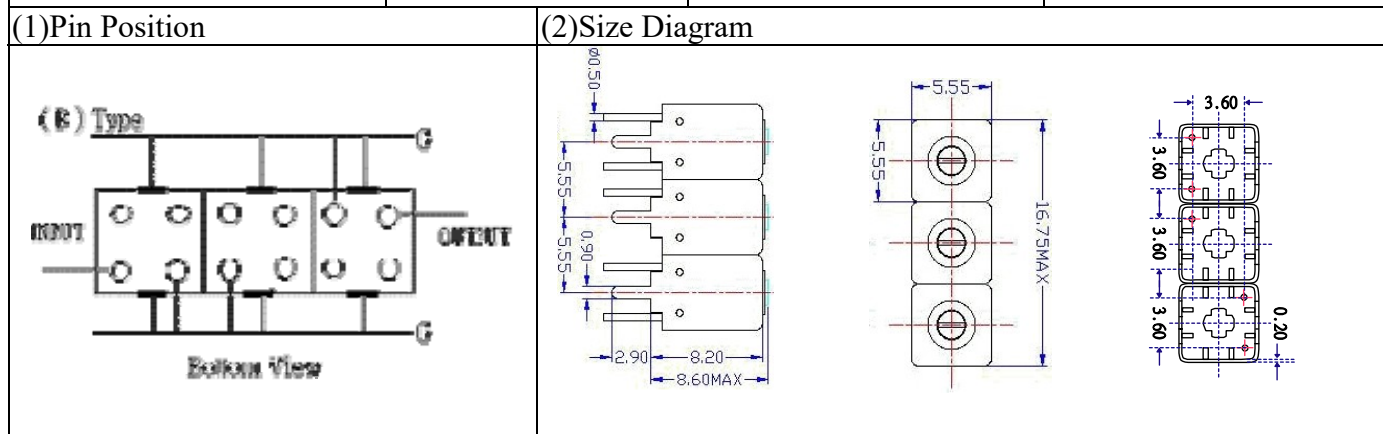


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTW31061B-1732.5M
Approval No. /dated	201902005CD	Temwell's Print Name.	31061B 1732.5M
Work Instruction No.	201902005CD	Date	Mar.08.2019



### (3) Electric Character

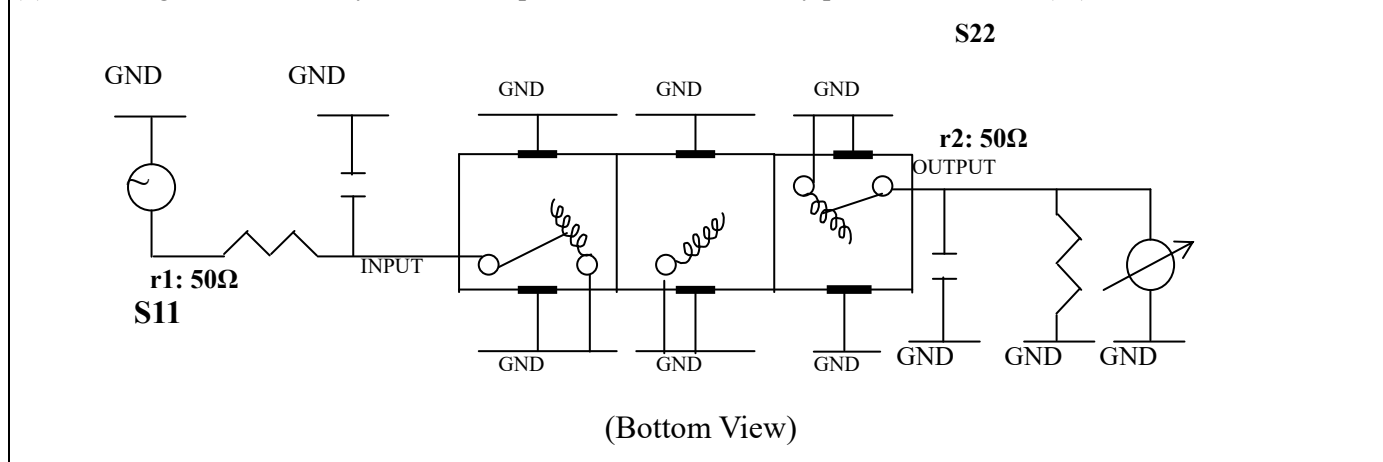
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1732.5 MHz	1732.5 MHz	
Insertion Loss	Typ. 4.5 dB	3.36 dB	
-3 dB Bandwidth	Typ. 45 MHz	52.0 MHz	
Sensitivity (Attenuation)	Fo -100 MHz	Typ. 34 dBc	38 dBc
	Fo +100 MHz	Typ. 26 dBc	31 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	36.5 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

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



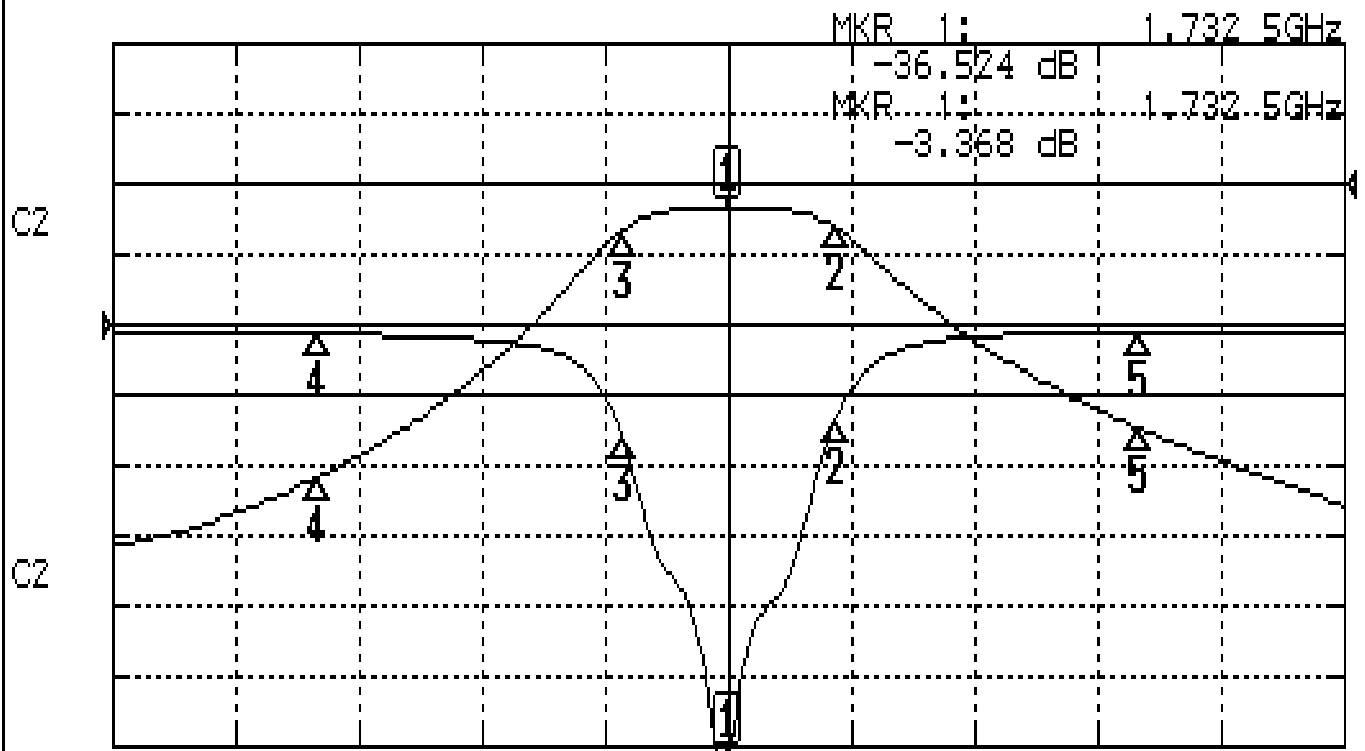
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	M.Y.Kang	5W3S(3.8*3.5)(3.58) 5HW046RB3.2 -J1

TEMWELL CORPORATION

# Performance-TTW31061B-1732.5M

## 201902005CD

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



CENTER 1.732 5GHz

[ 10.00 dBm ]

SPAN 300MHz

### CH1 MARKER LIST

1:	1.732	500GHz	-36.524	dB
2:	1.758	500GHz	-16.654	dB
3:	1.706	500GHz	-17.998	dB
4:	1.632	500GHz	-10.637	dB
5:	1.832	500GHz	-0.559	dB

### CH2 MARKER LIST

1:	1.732	500GHz	-3.366	dB
2:	1.758	500GHz	-16.362	dB
3:	1.706	500GHz	-16.352	dB
4:	1.632	500GHz	-41.678	dB
5:	1.832	500GHz	-34.624	dB