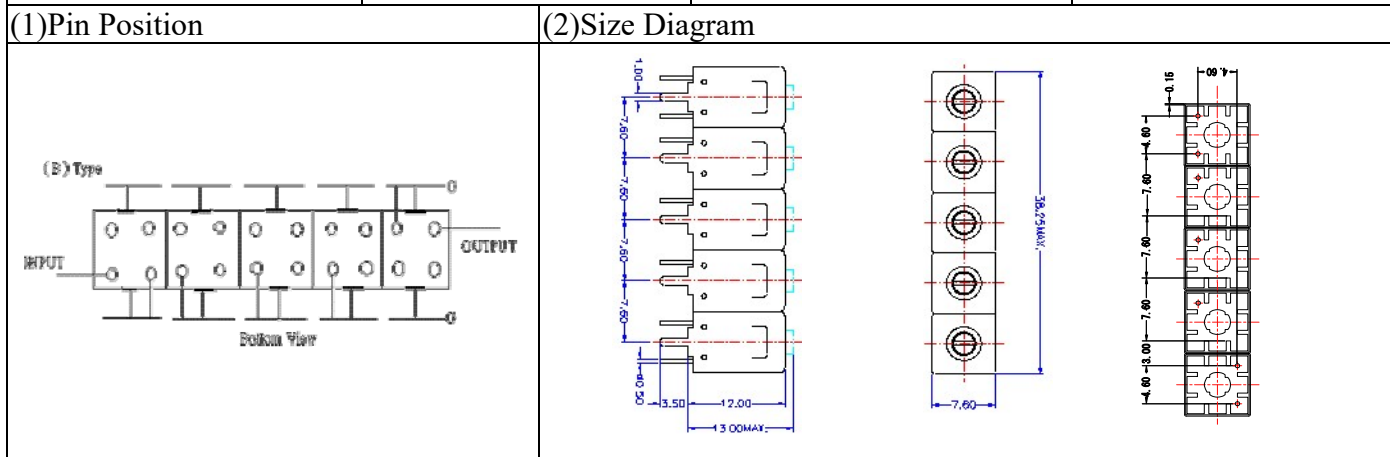


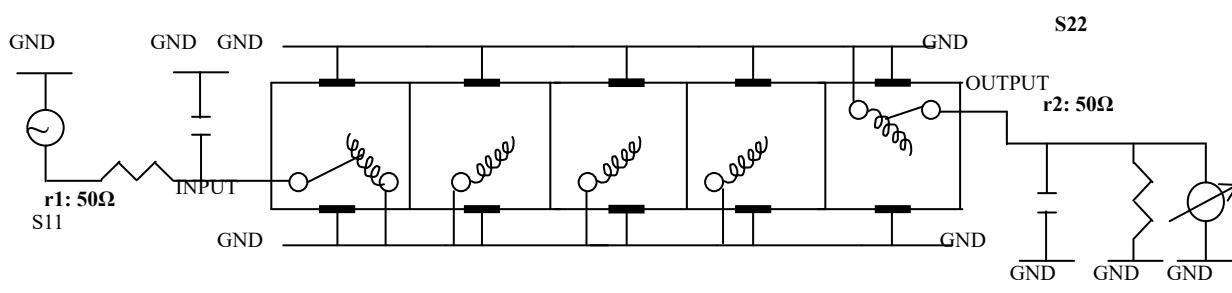
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV6534B-146M
Approval No. /dated	201806021CD	Temwell's Print name.	6534B 146M
Work Instruction No.	201806021CD	Date	Jun.21.2018



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		146 MHz	146 MHz
Insertion Loss		Typ. 4.0 dB	2.96 dB
-3 dB Bandwidth		Typ. 10 MHz	12.7 MHz
Sensitivity (Attenuation)	Fo - 10 MHz	Typ. 21 dBc	25 dBc
	Fo + 10 MHz	Typ. 17 dBc	21 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	32.7 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(- -).



(Bottom View)

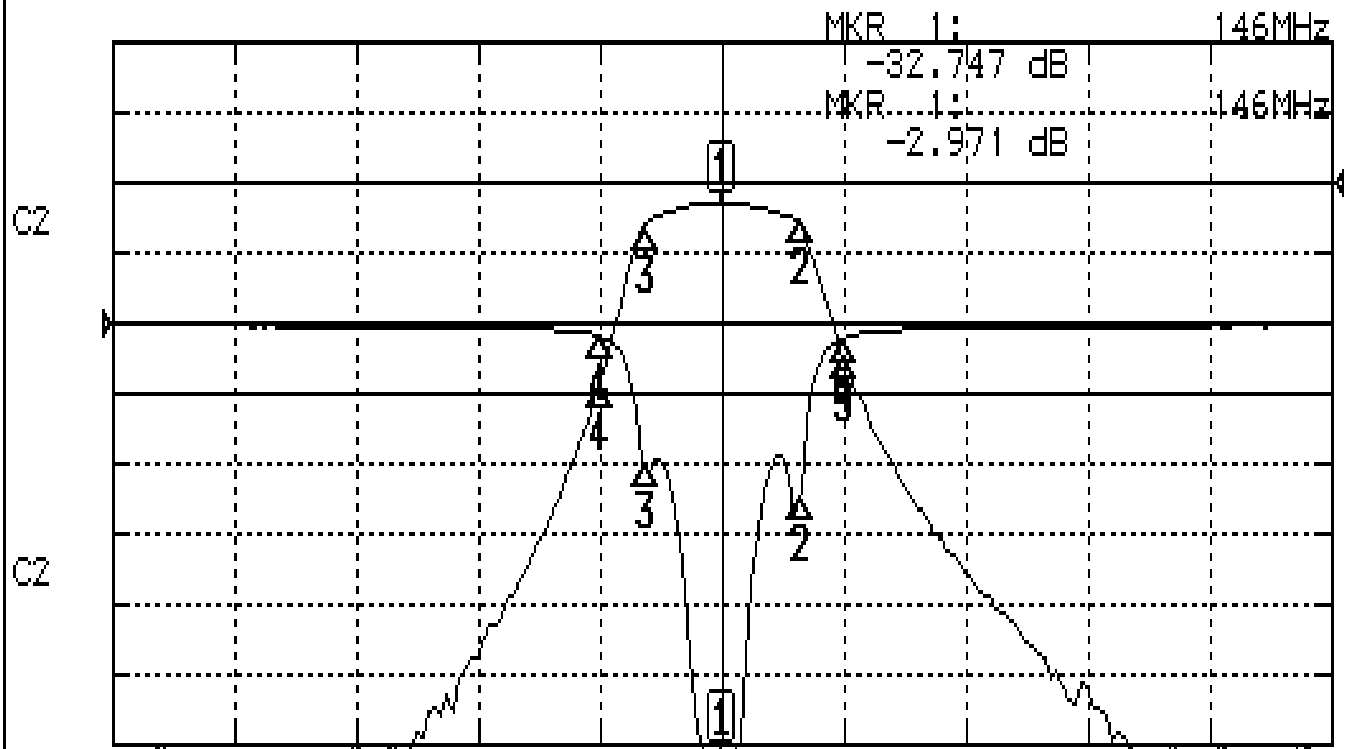
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	M.Y.Kang	7H5S(4*4.65)(4.69) 7H024RB6.5

TEMWELL CORPORATION

# Performance-TV6534B-146M

## 201806021CD

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



CENTER 146MHz

[ 10.00 dBm ]

SPAN 100MHz

### CH1 MARKER LIST

1:	146.000MHz	-32.747 dB
2:	152.400MHz	-12.514 dB
3:	139.700MHz	-10.251 dB
4:	136.000MHz	-0.922 dB
5:	156.000MHz	-1.052 dB

### CH2 MARKER LIST

1:	146.000MHz	-2.969 dB
2:	152.400MHz	-5.941 dB
3:	139.700MHz	-5.978 dB
4:	136.000MHz	-28.630 dB
5:	156.000MHz	-24.701 dB