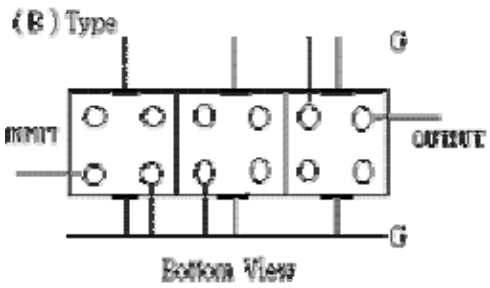
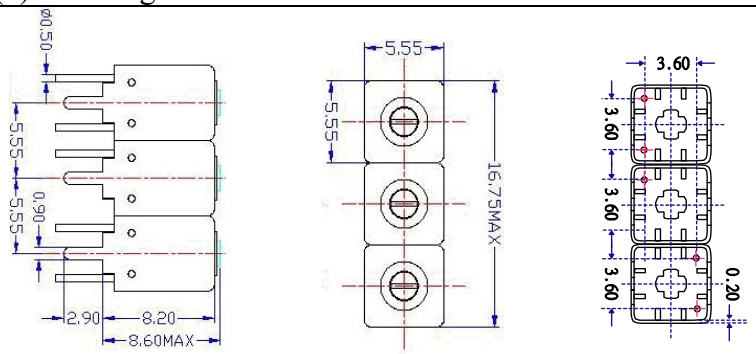
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTW31062B-1740M
Approval No. /dated	201902006CD	Temwell's Print Name.	31062B 1740M
Work Instruction No.	201902006CD	Date	Mar.07.2019

(1)Pin Position



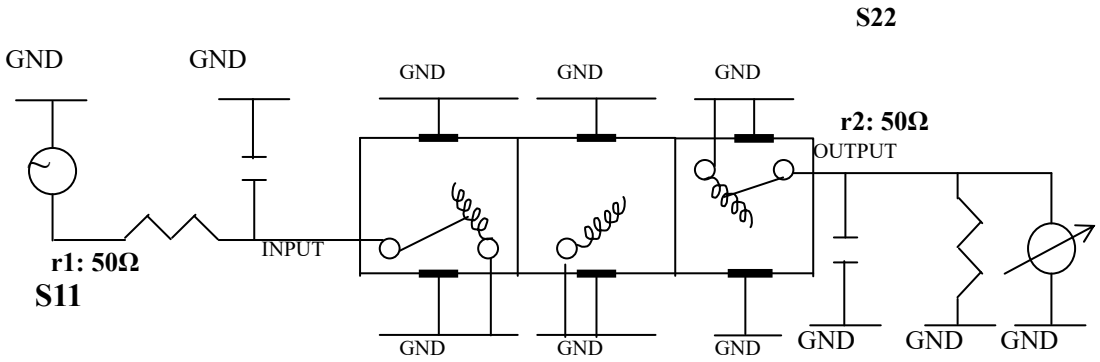
(2)Size Diagram



(3)Electric Character

Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1740 MHz	1740 MHz
Insertion Loss		Typ. 4.0 dB	2.95 dB
-3 dB Bandwidth		Typ. 60 MHz	64.2 MHz
Sensitivity (Attenuation)	Fo -200 MHz	Typ. 46 dBc	51 dBc
	Fo + 200 MHz	Typ. 41 dBc	46 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	30.7 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℃ ~+60℃	
Storage Temperature		-20℃ ~+70℃	
(6)Input Power		> 0.5Watt	

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



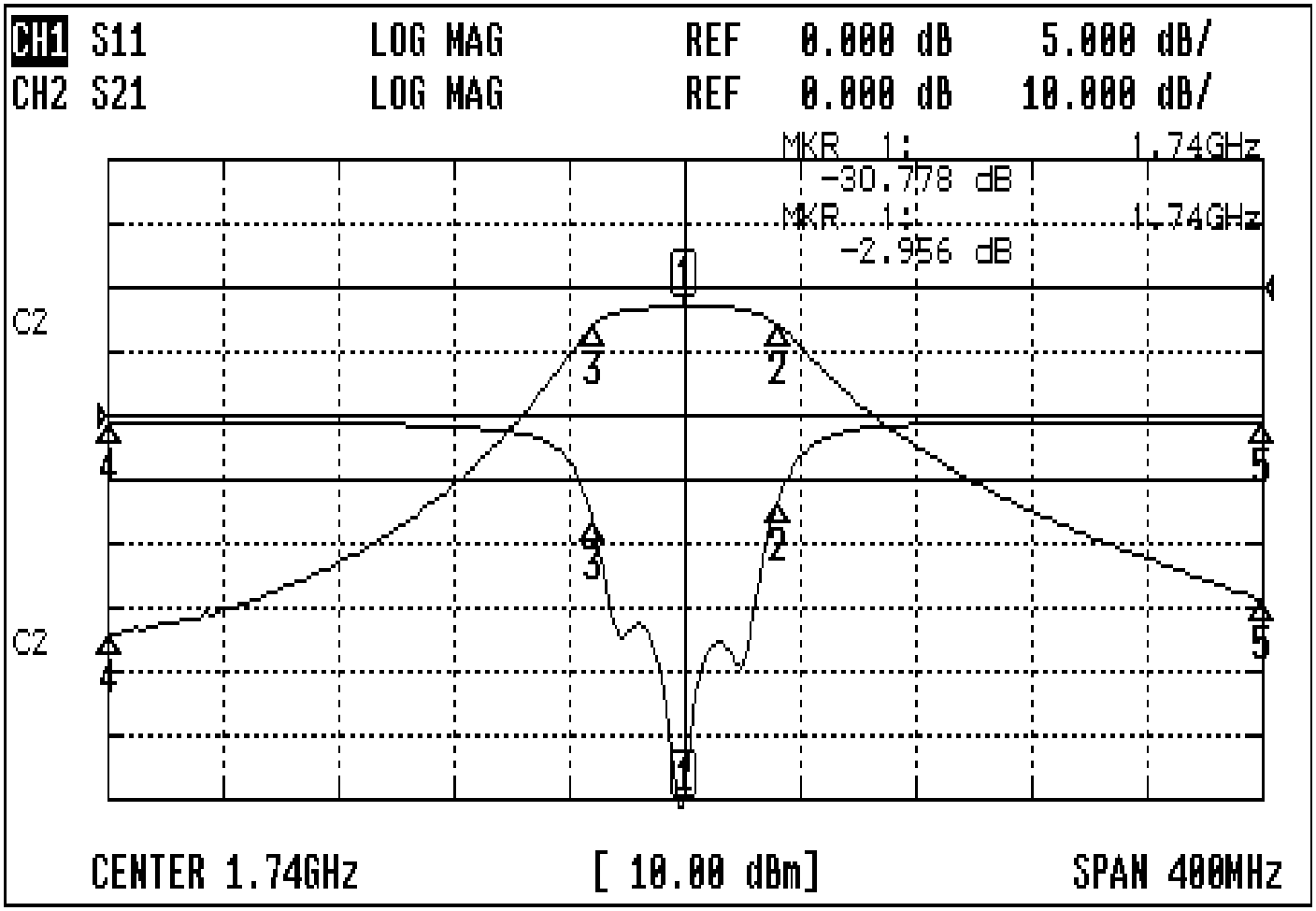
(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	M.Y.Kang	5W3S(3.8*4.0)(4.10) 5HW046RB3.2 -J1

TEMWELL CORPORATION

Performance-TTW31062B-1740M

201902006CD



CH1 MARKER LIST

1:	1.740 000GHz	-30.778 dB
2:	1.772 600GHz	-6.546 dB
3:	1.708 333GHz	-8.212 dB
4:	1.540 000GHz	-0.463 dB
5:	1.940 000GHz	-0.457 dB
6:		
7:		
8:		
9:		
10:		

CH2 MARKER LIST

1:	1.740 000GHz	-2.952 dB
2:	1.772 600GHz	-5.992 dB
3:	1.708 333GHz	-5.924 dB
4:	1.540 000GHz	-54.123 dB
5:	1.940 000GHz	-48.979 dB
6:		
7:		
8:		
9:		
10:		