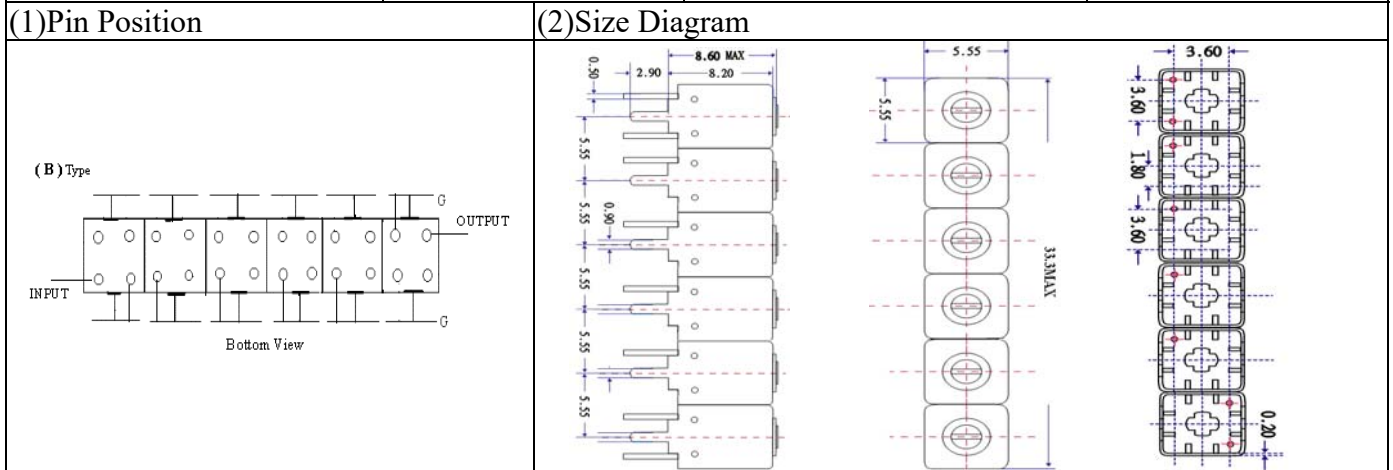


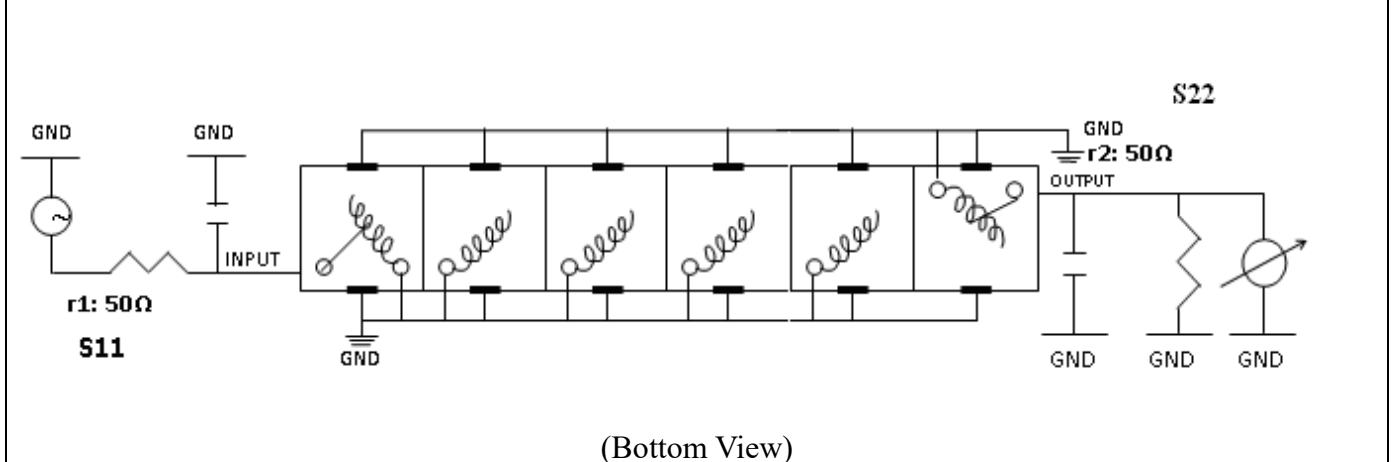
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TSW6418B-1702.5M
Approval No. /dated		Temwell's Print name.	6418B 1702.5M
Work Instruction No.	20191111CD	Date	Jun.24.2020



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1702.5 MHz	1702.5 MHz
Insertion Loss		Typ. 12.0 dB	10.73 dB
-3 dB Bandwidth		Typ. 15 MHz	23.5 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 48 dBc	58 dBc
	Fo +100 MHz	Typ. 43 dBc	48 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		> 0.5Watt	

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

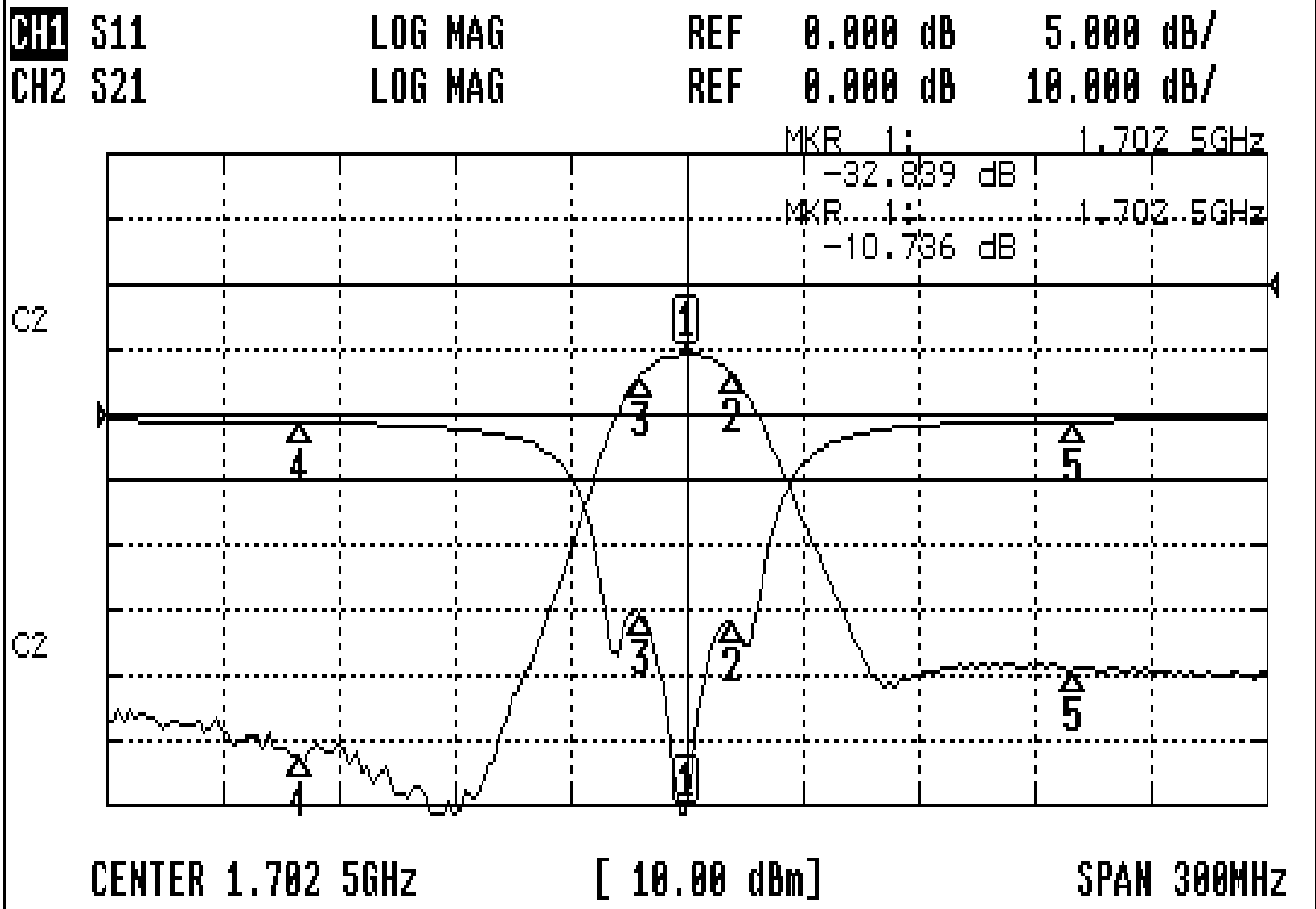


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	C.H.Yeh	5W6S(3.8*3.5)(3.51) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

Performance-TSW6418B-1702.5M

20191111CD



CH1 MARKER LIST

1:	1.702	500GHz	-32.789	dB	0.000
2:	1.714	300GHz	-16.029	dB	0.000
3:	1.690	780GHz	-15.413	dB	0.000
4:	1.602	500GHz	-0.587	dB	0.000
5:	1.802	500GHz	-0.473	dB	0.000

CH2 MARKER LIST

1:	1.702	500GHz	-10.736	dB	0.000
2:	1.714	300GHz	-13.753	dB	0.000
3:	1.690	780GHz	-13.720	dB	0.000
4:	1.602	500GHz	-6.443	dB	0.000
5:	1.802	500GHz	-8.964	dB	0.000