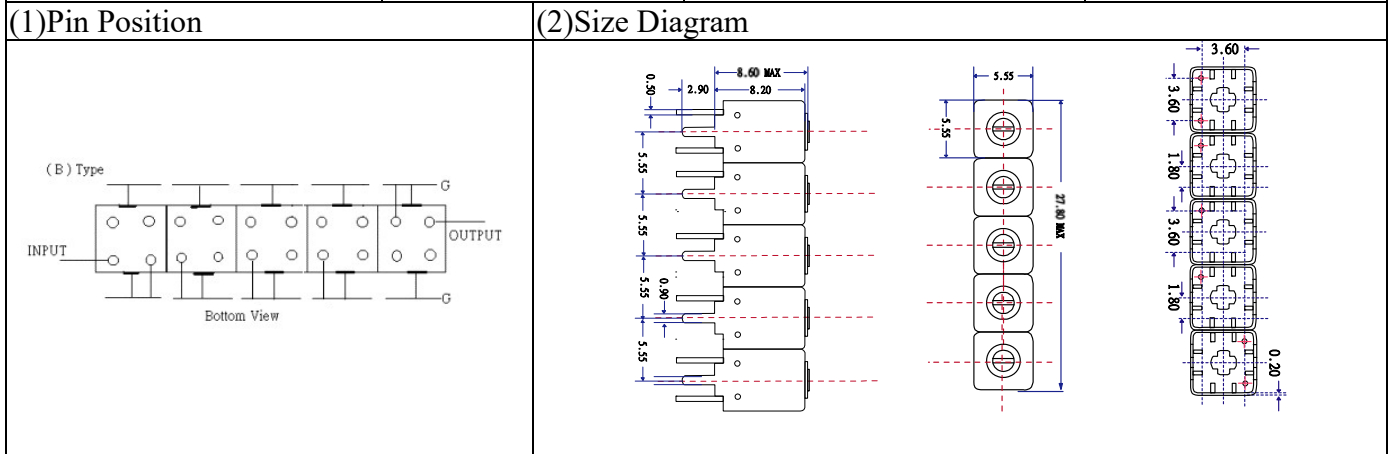


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TVW5418B-1702.5M
Approval No. /dated		Temwell,s print Name	5418B 1702.5M
Work Instruction No.	201911079CD	Date	Dec.13.2019



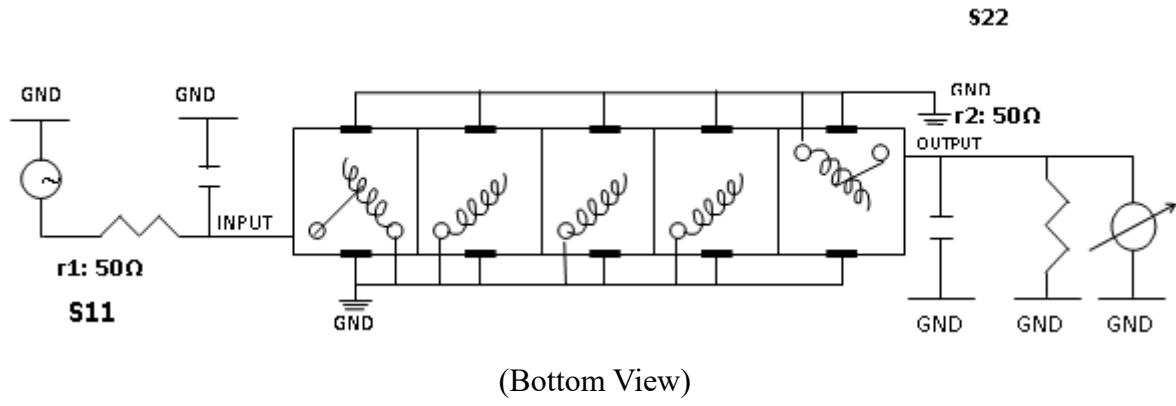
(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1702.5 MHz	1702.5 MHz
Insertion Loss		Typ. 9.5 dB	8.57 dB
-3 dB Bandwidth		Typ. 15 MHz	20.1 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 49 dBc	59 dBc
	Fo + 100 MHz	Typ. 44 dBc	49 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	32.4 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(- -).



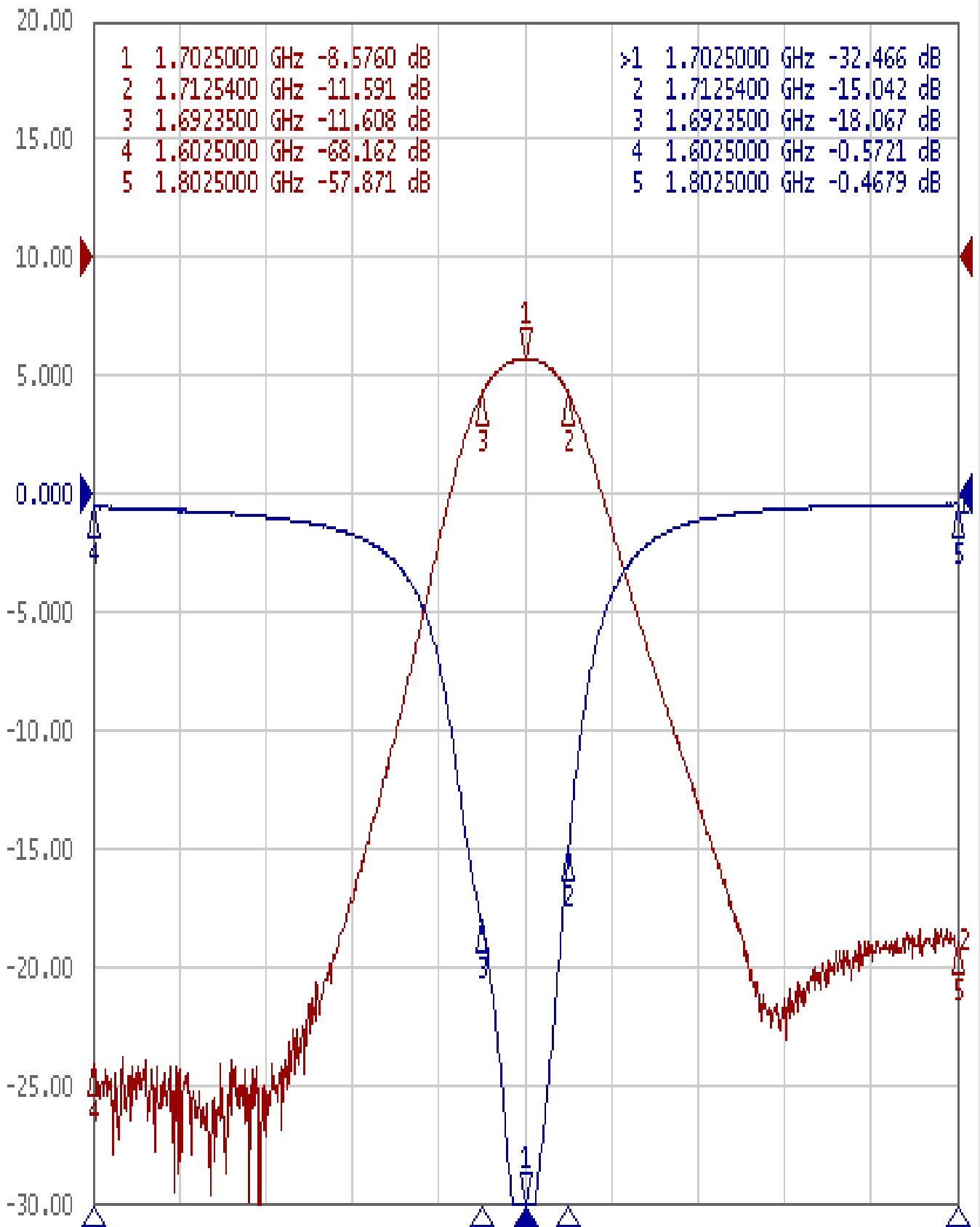
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5W5S(3.8*3.5)(3.59) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

Performance-TVW5418B-1702.5M

201911079CD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 1.7025 GHz

IFBW 70 kHz

Span 200 MHz Cor !