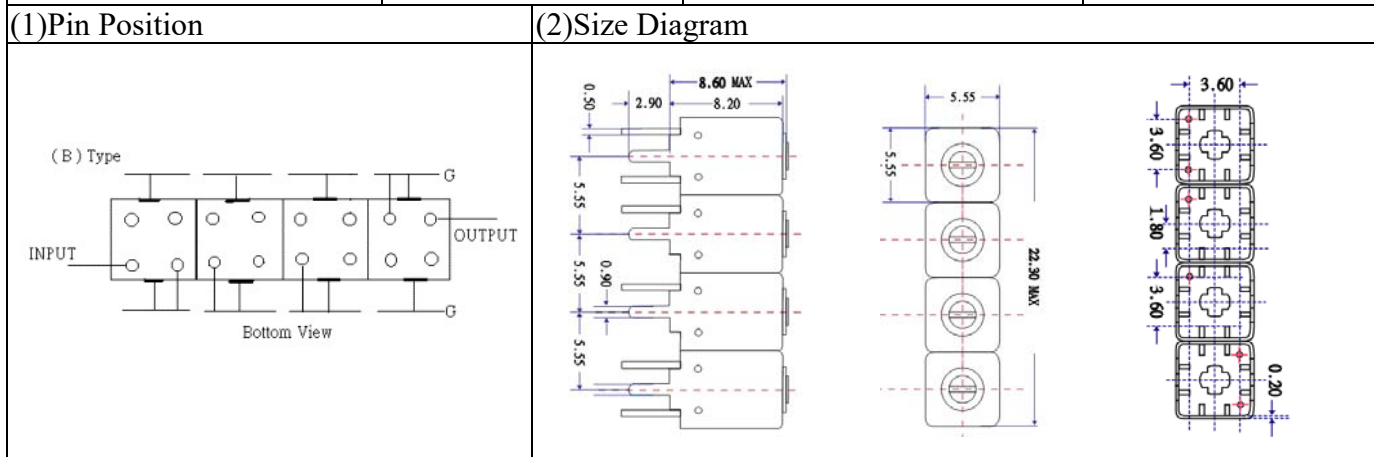


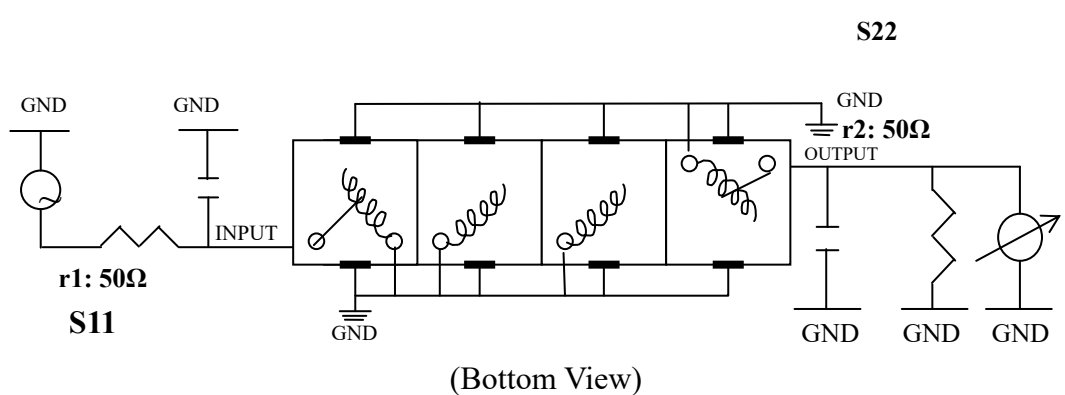
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4857B-2035M
Approval No. /dated		Temwell's Print name	4857B 2035M
Work Instruction No.	202006015CD	Date	Jul.03.2020



(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2035 MHz	2035	MHz
Insertion Loss	Typ. 3.0 dB	1.58	dB
-3 dB Bandwidth	Typ. 170 MHz	189.7	MHz
Sensitivity (Attenuation)	Fo - 400 MHz	Typ. 55	dBc
	Fo + 400 MHz	Typ. 36	dBc
	Fo - ()MHz	Typ.	dBc
	Fo +()MHz	Typ.	dBc
Return Loss	Min. 12 dB	16.5	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	> 0.5Watt		

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

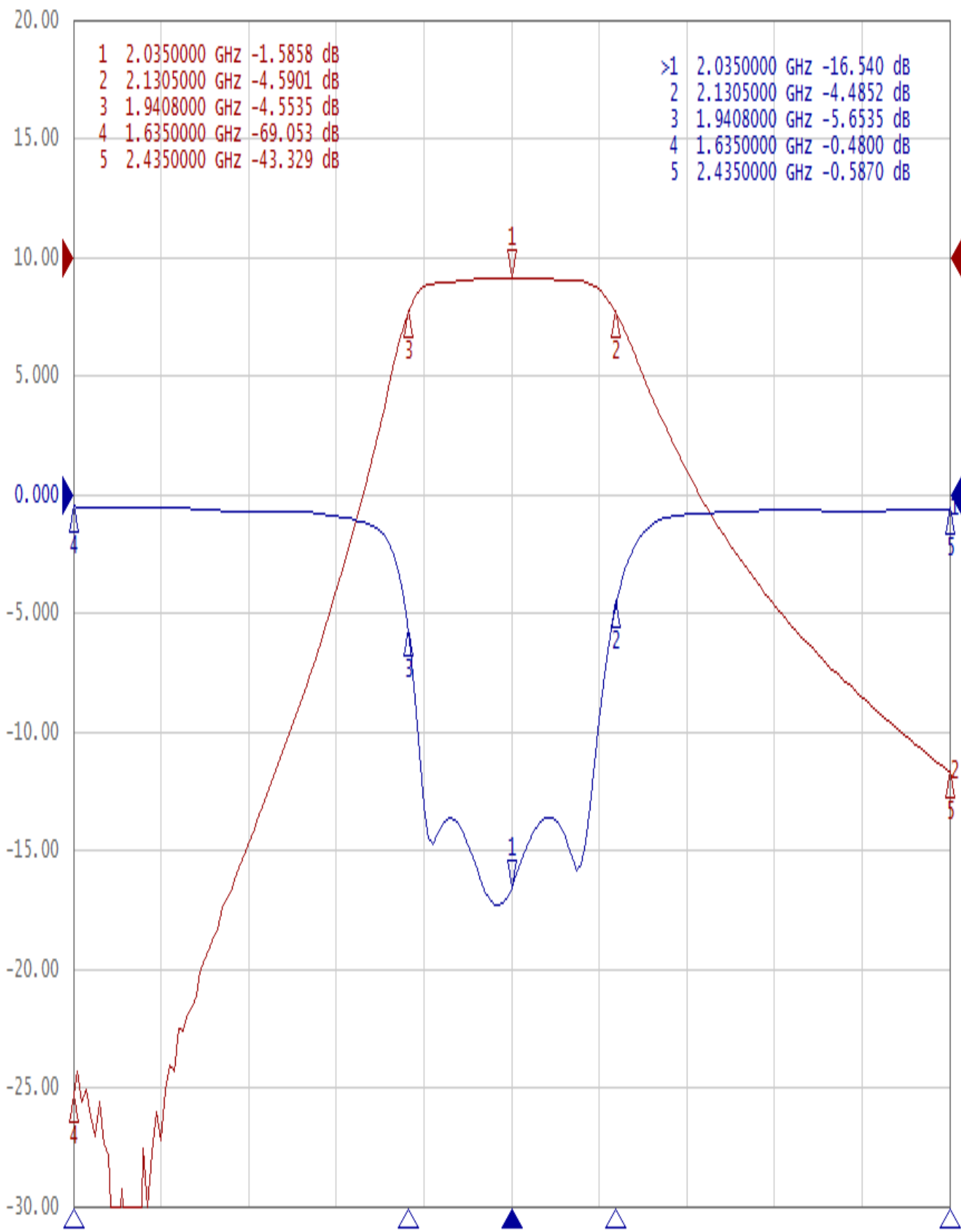


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	M.Y.Kang	5W4S(3.8*5.1)(5.13) 5HW046RB4
TEMWELL CORPORATION			

Performance-TFW4857B-2035M

202006015CD

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



1 Center 2.035 GHz

IFBW 70 kHz

Span 800 MHz Cor!