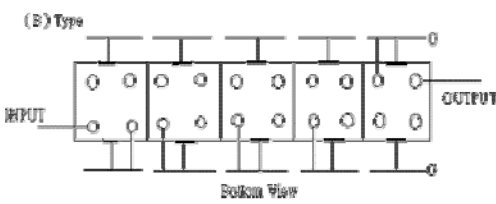
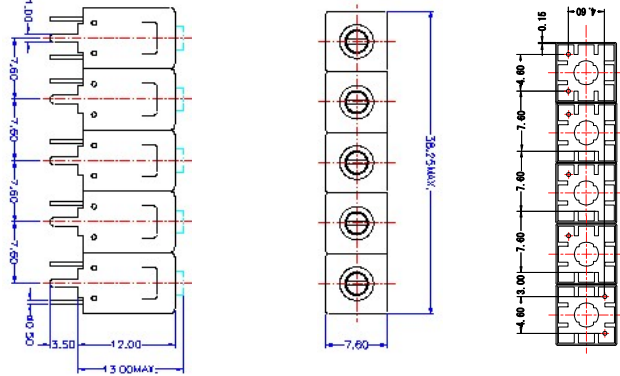


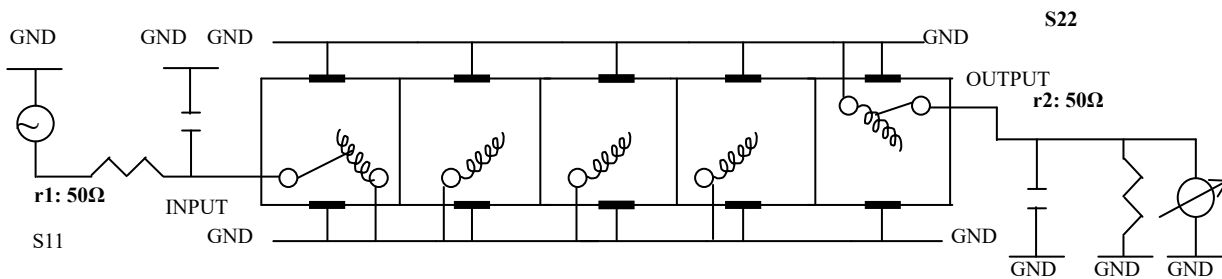
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70868B-933M
Approval No. /dated	202002034CD	Temwell's Print name.	70868B 933M
Work Instruction No.	202002034CD	Date	Feb.27.2020

(1)Pin Position	(2)Size Diagram
	

(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	933 MHz	933	MHz
Insertion Loss	Typ. 3.0 dB	1.75	dB
-3 dB Bandwidth	Typ. 120 MHz	124.7	MHz
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 54 dBc	64 dBc
	Fo + 150 MHz	Typ. 31 dBc	36 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20.2	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(-).



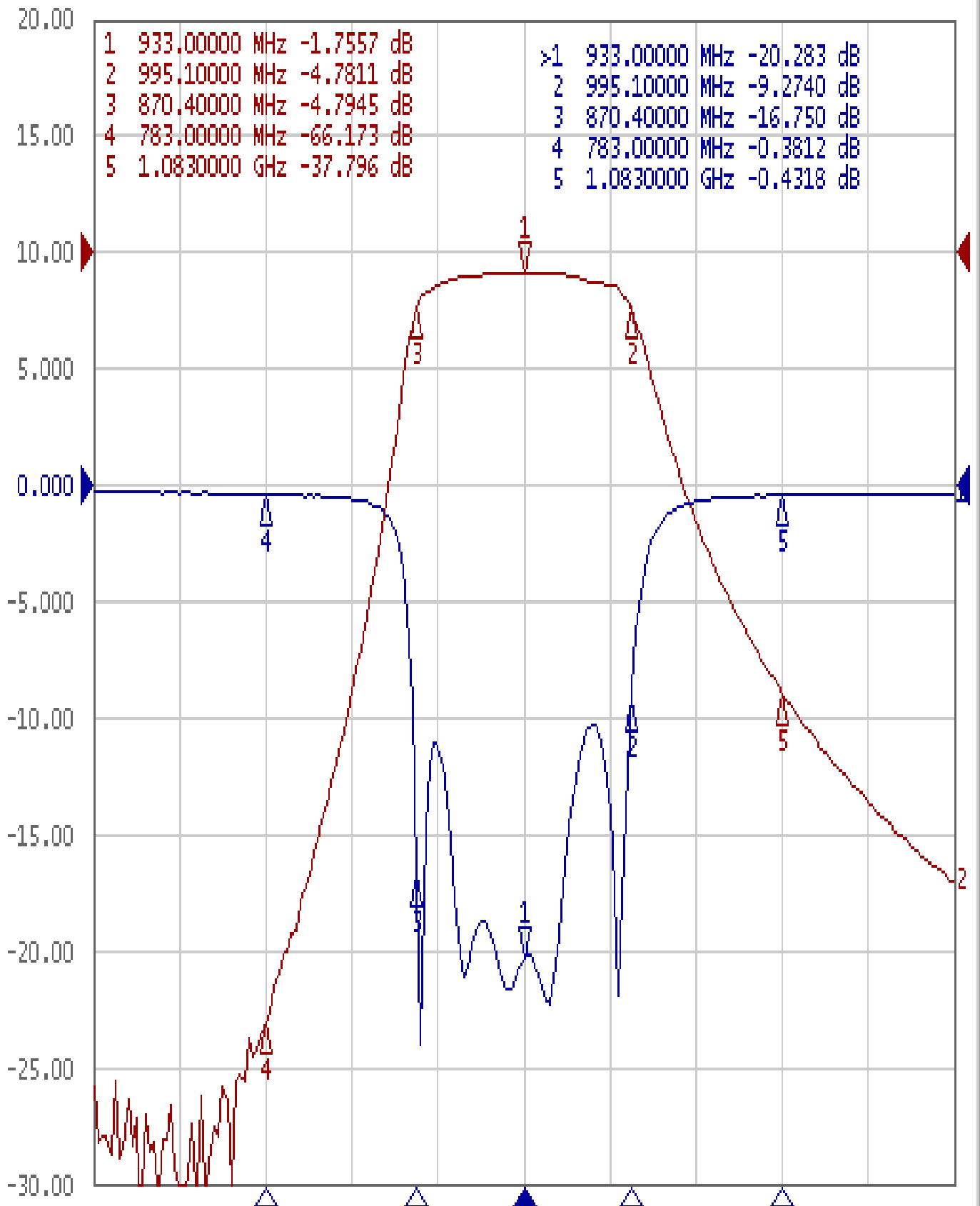
(Bottom View)

Approval C.C.Chang	Supervisor C.K.Chang	Designer W.W.Wang	Aperture size 7H5S(4*7.35)(7.37) 7H046RB6.5(J1)
TEMWELL CORPORATION			

Performance-TV70868B-933M

202002034CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.000dB/ Ref 0.000dB [F2]



1 Center 933 MHz

IFBW 70 kHz

Span 500 MHz Cor !