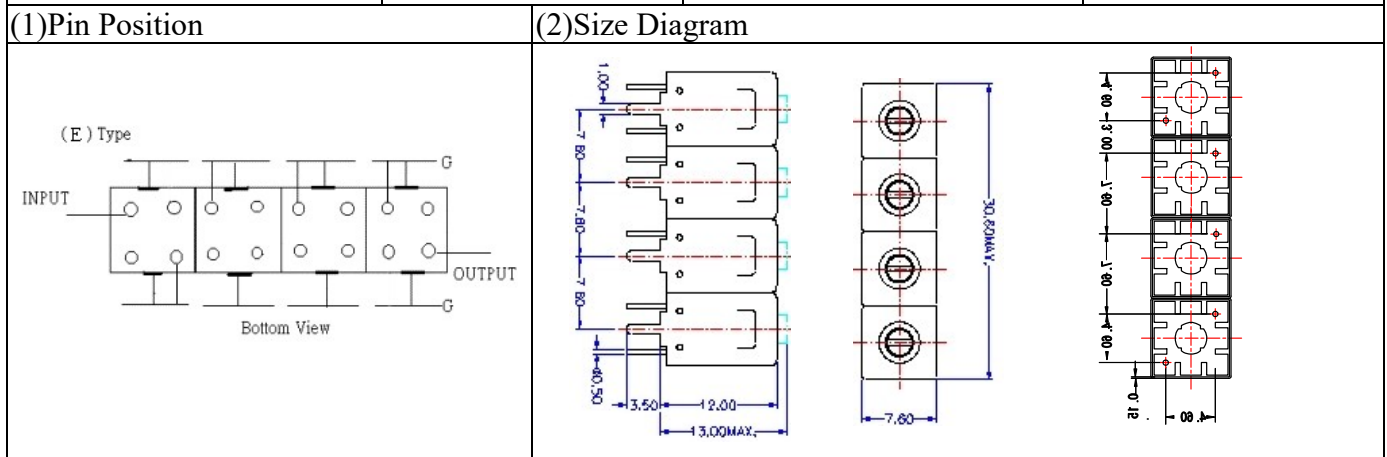


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF64817E-836.5M-25M
Approval No. /dated	201904023CD	Temwell's Print Name	64817E 836.5M
Work Instruction No.	201904023CD	Date	Jul.19.2019



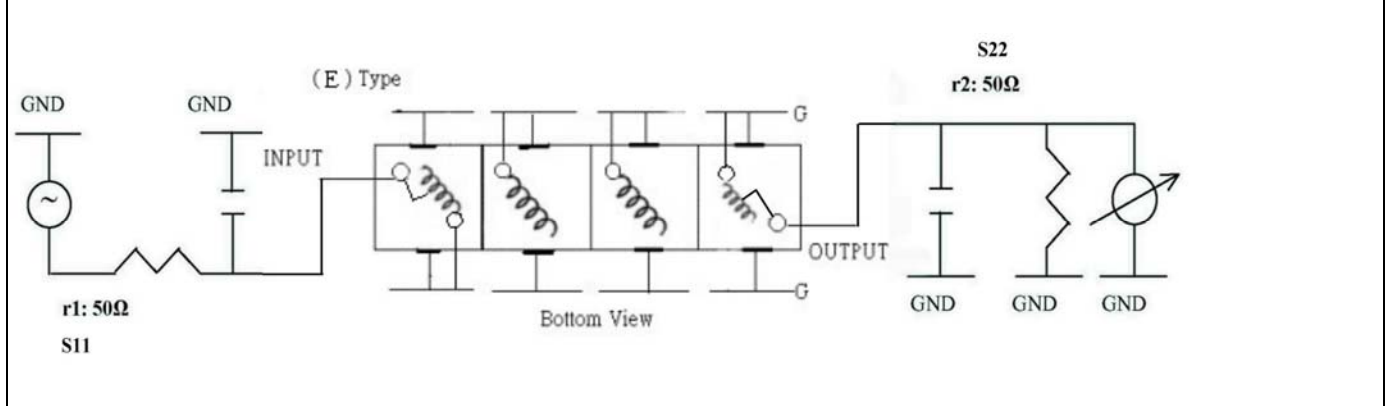
(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		836.5 MHz	836.5 MHz
Insertion Loss		Typ. 4.0 dB	2.87 dB
-3 dB Bandwidth		Typ. 25 MHz	27.6 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 42 dBc	47 dBc
	Fo + 50 MHz	Typ. 44 dBc	49 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	22.9 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(- -)



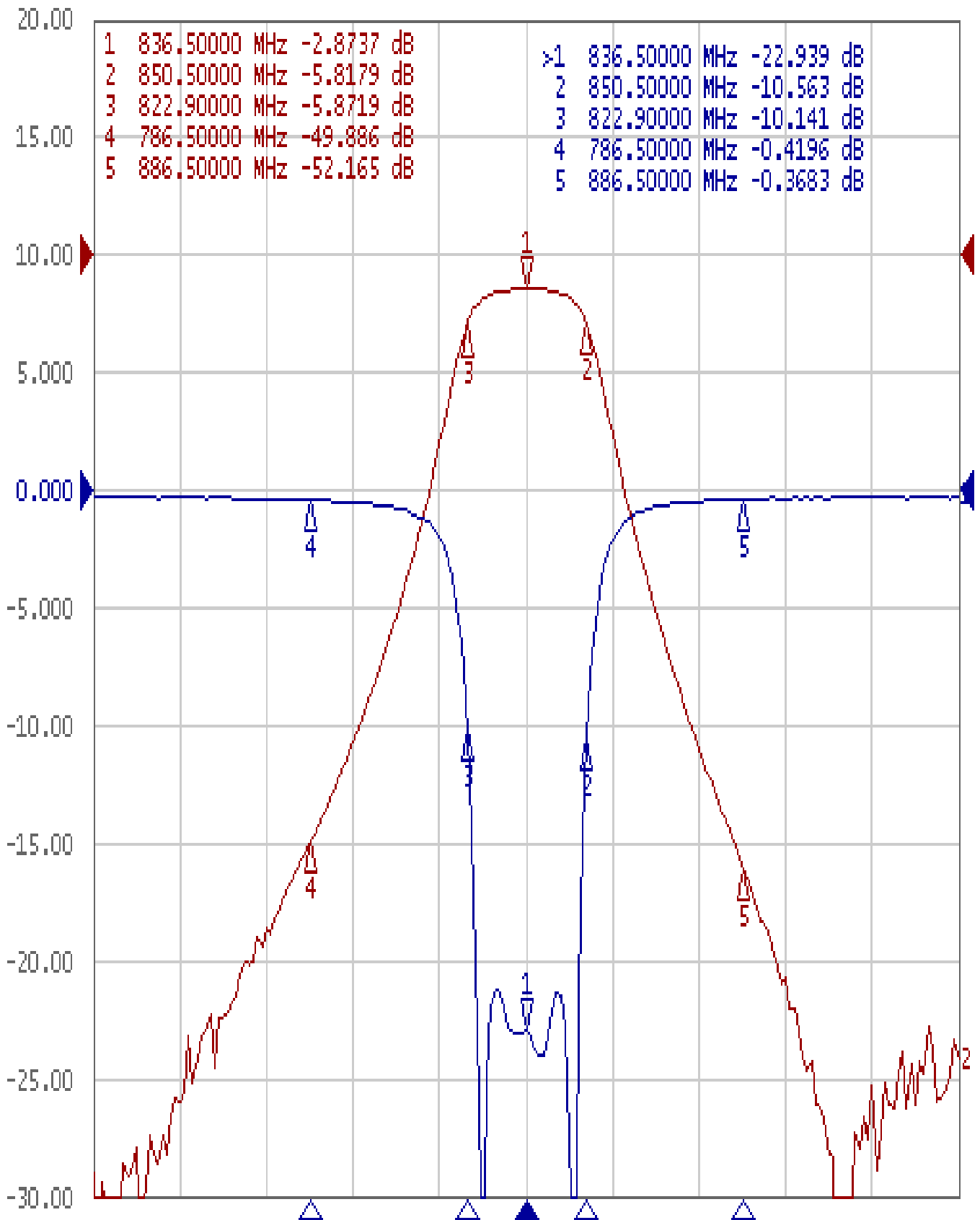
Approval C.Y.Chang	Supervisor C.K.Chang	Designer W.W.Wang	Aperture size 7H4S(4*5.5)(5.53) 7H046LB4.3 聚 3(J1)
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TEMWELL CORPORATION

Performance-TF64817E-836.5M-25M

201904023CD

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



1 Center 836.5 MHz

IFBW 70 kHz

Span 200 MHz Cor!