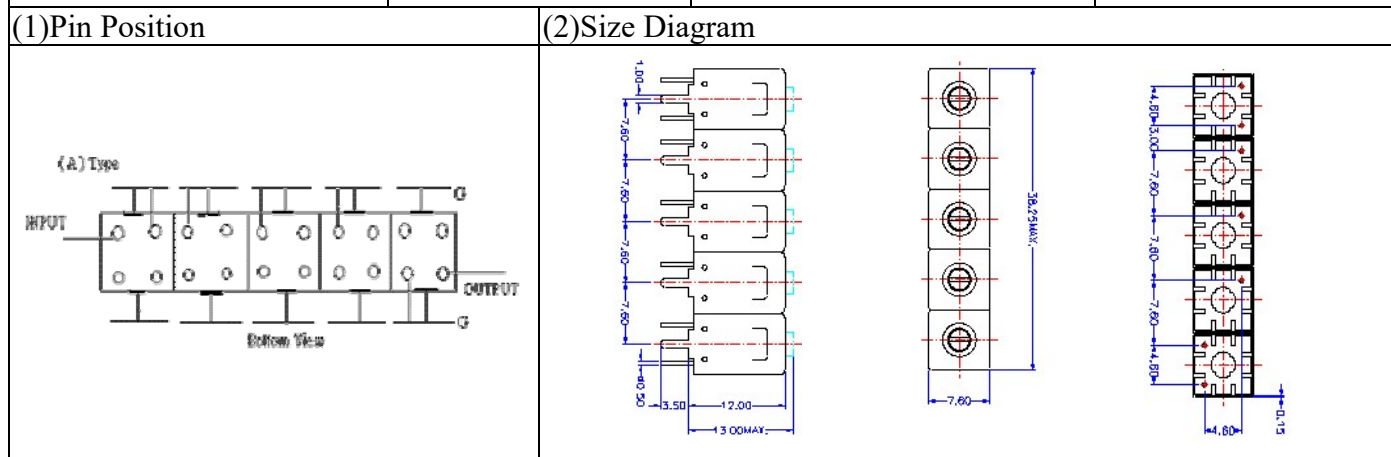


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70338A-1170M
Approval No. /dated	202002050CD	Temwell's Print Name.	70338A 1170M
Work Instruction No.	202002050CD	Date	Mar.03.2020



(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	1170 MHz	1170 MHz
Insertion Loss	Typ. 5.5 dB	3.92 dB
-3 dB Bandwidth	Typ. 35 MHz	39.2 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 58 dBc
	Fo + 100 MHz	Typ. 52 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	18.0 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

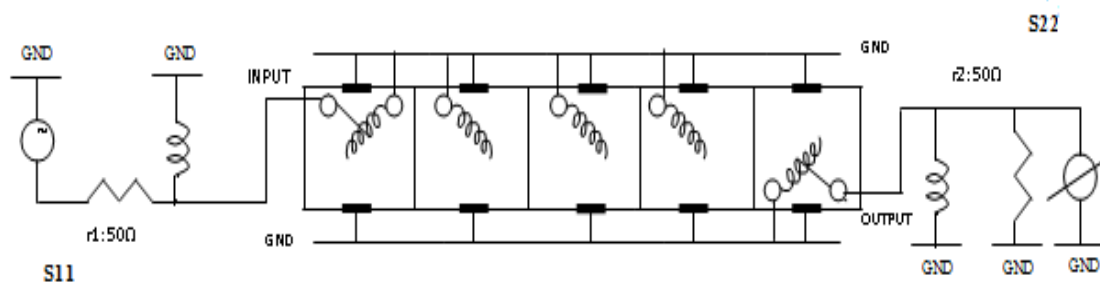
(4) Torque for Tuning Screw > 60gf · cm

(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	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	W.W.Wang	7H5S(4*6.5)(6.6.53)(J1) 7H046LB5(左) 7H046LB4.3 聚 3(中)

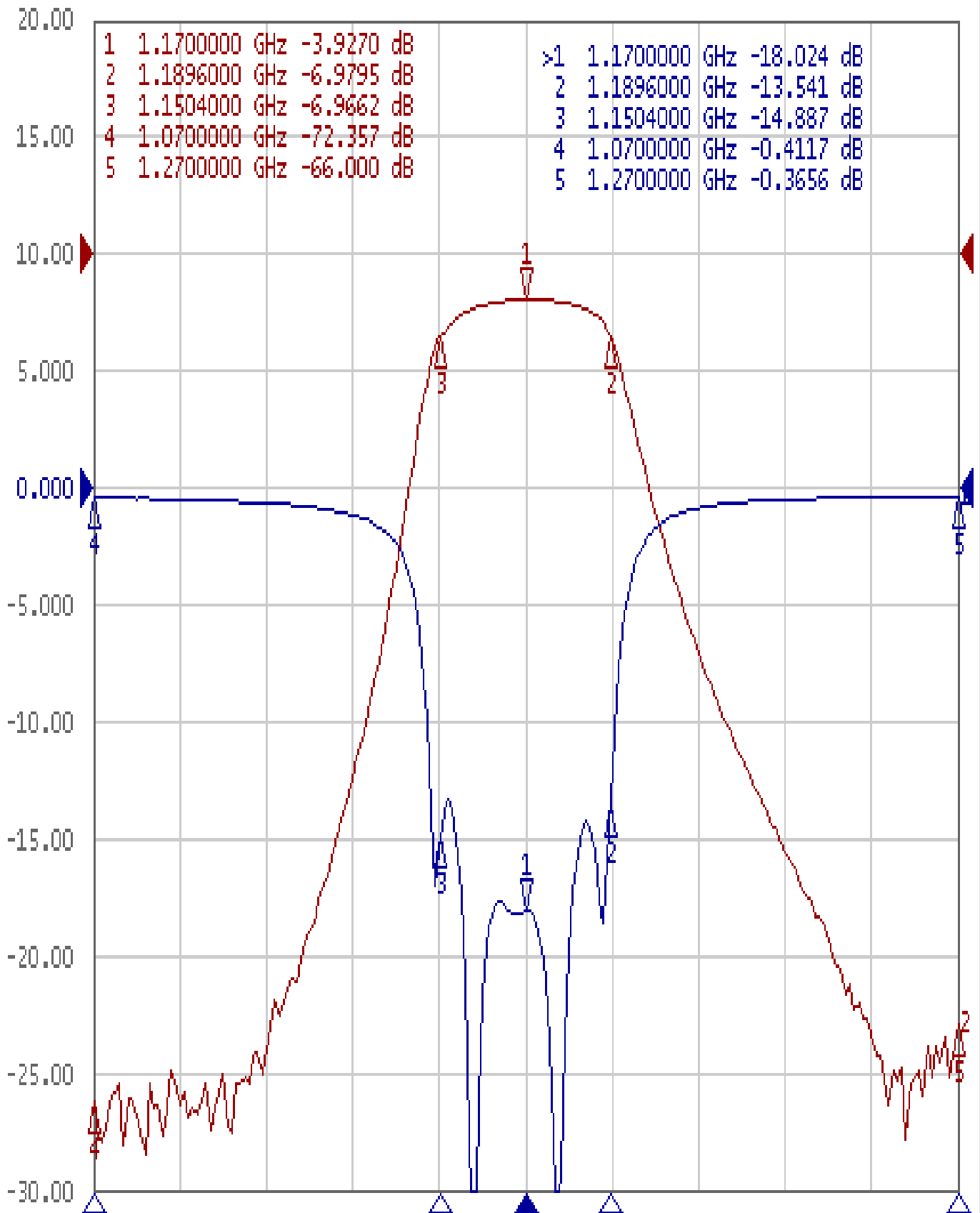
TEMWELL CORPORATION

Performance- TV70338A-1170M

202002050CD

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

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



1 Center 1.17 GHz

IFBW 70 kHz

Span 200 MHz Cor !