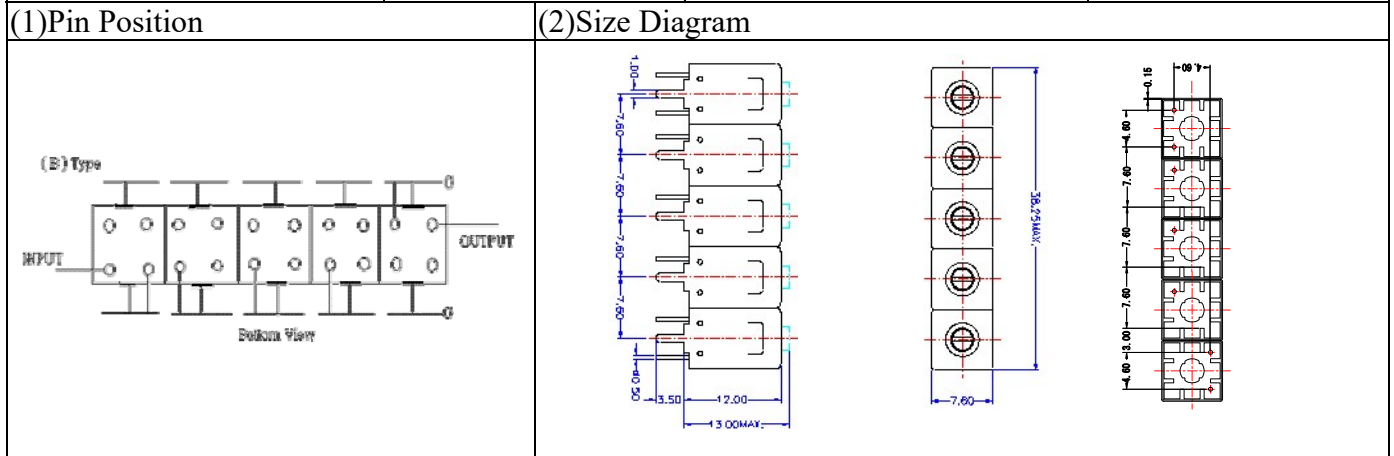


VHF UHF Helical Filter Specification Sheet

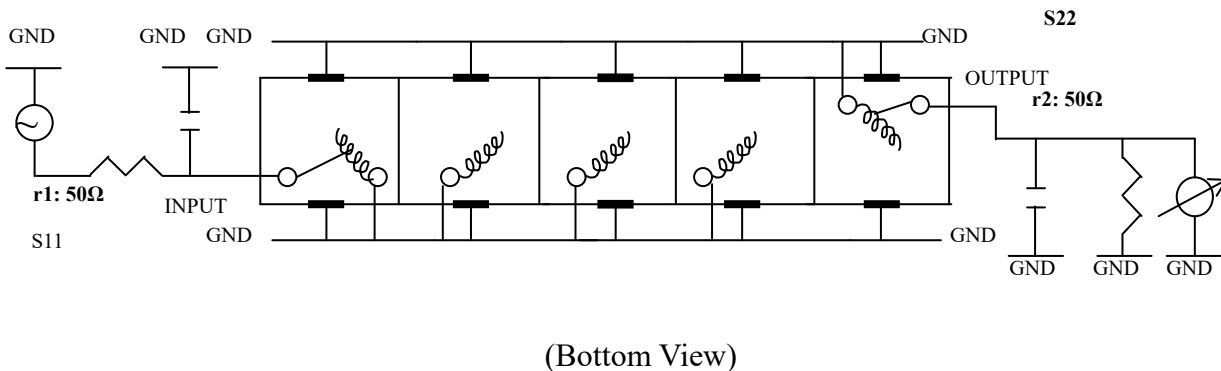
Customer Name		Temwell's Part No.	TV70864B-1075M
Approval No. /dated	202002049CD	Temwell's Print name.	70864B 1075M
Work Instruction No.	202002049CD	Date	Mar.13.2020



(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	1075 MHz	1075 MHz
Insertion Loss	Typ. 2.5 dB	1.77 dB
-3 dB Bandwidth	Typ. 120 MHz	124.9 MHz
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 50 dBc
	Fo + 150 MHz	Typ. 35 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	17.8 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	> 1 Watt	

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



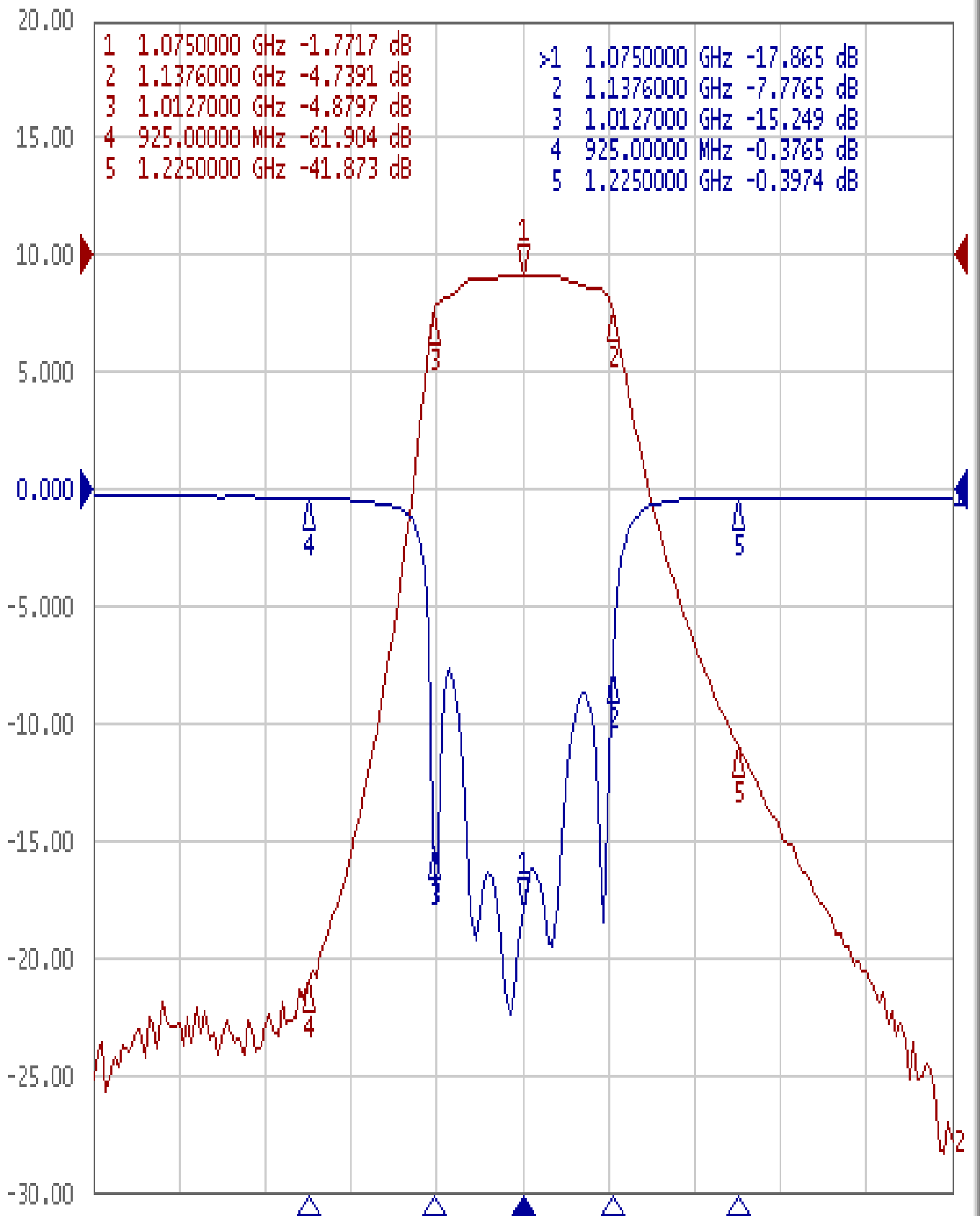
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	W.W.Wang	7H5S(4*6.35)(6.38) 7H046RB6.5

TEMWELL CORPORATION

Performance-TV70864B-1075M

202002049CD

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



1 Center 1.075 GHz

IFBW 70 kHz

Span 600 MHz Cor !