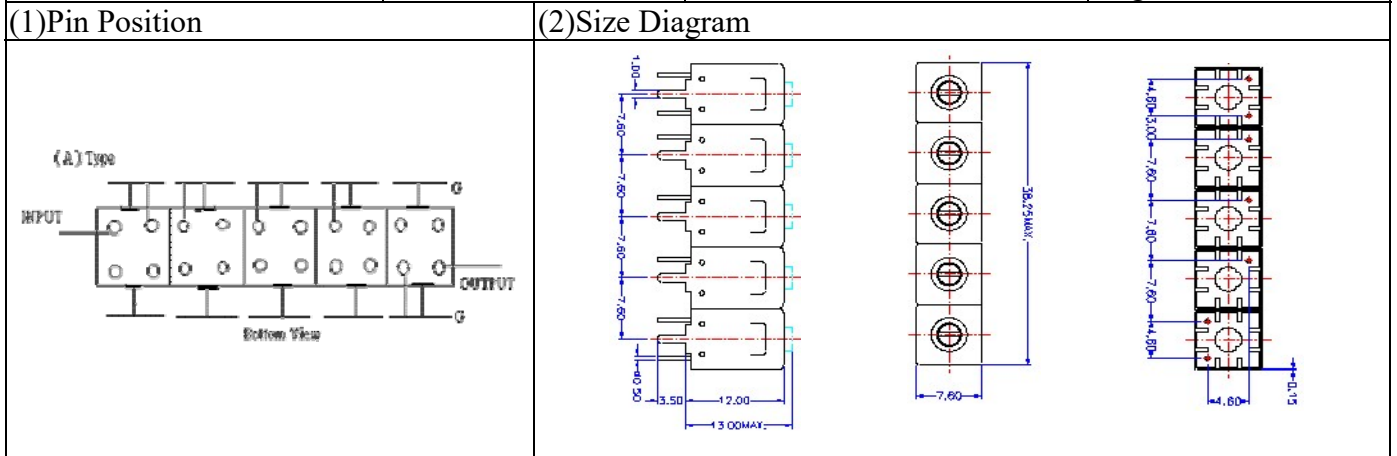


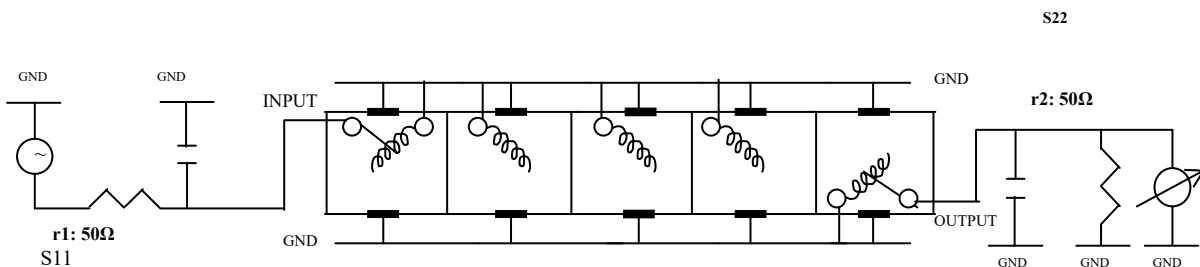
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70503A-700M
Approval No. /dated		Temwell's Print Name.	70503A 700M
Work Instruction No.	202008009CD	Date	Aug.13.2020



(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		700 MHz	700 MHz
Insertion Loss		Typ. 3.0 dB	1.70 dB
-3 dB Bandwidth		Typ. 74 MHz	78.8 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 56 dBc	66 dBc
	Fo + 100 MHz	Typ. 33 dBc	38 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	17.0 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		> 1 Watt	

(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	M.Y.Kang	7H5S(4*7.5)(7.57) 7H046LB5.5

TEMWELL CORPORATION

Performance- TV70503A-700M

202008009CD

