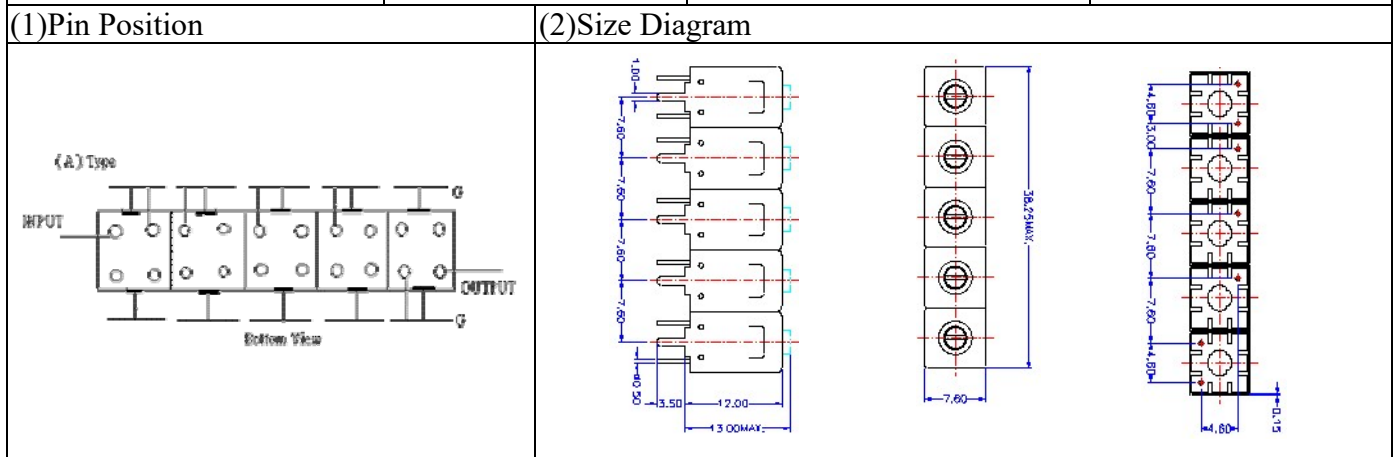


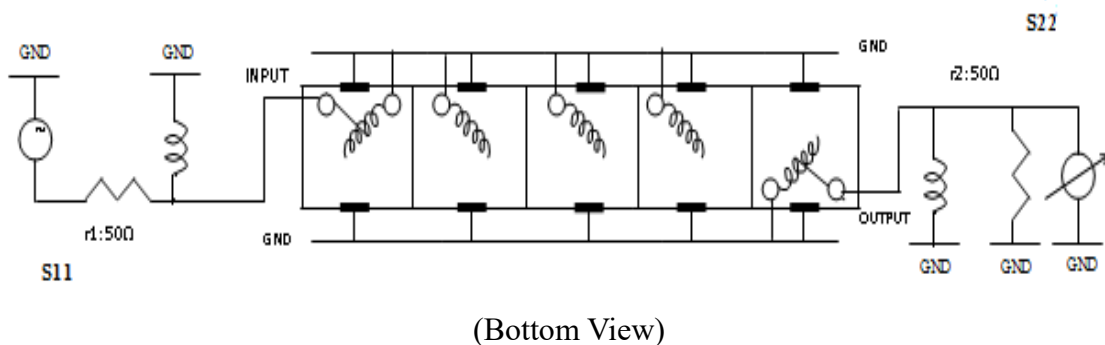
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70522A-1000M
Approval No. /dated	202002039CD	Temwell's Print Name.	70522A 1000M
Work Instruction No.	202002039CD	Date	Feb.27.2020



(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1000 MHz	1000 MHz
Insertion Loss		Typ. 3.0 dB	1.92 dB
-3 dB Bandwidth		Typ. 82 MHz	86.9 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 53 dBc	58 dBc
	Fo + 100 MHz	Typ. 31 dBc	36 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	19.2 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		> 1 Watt	

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

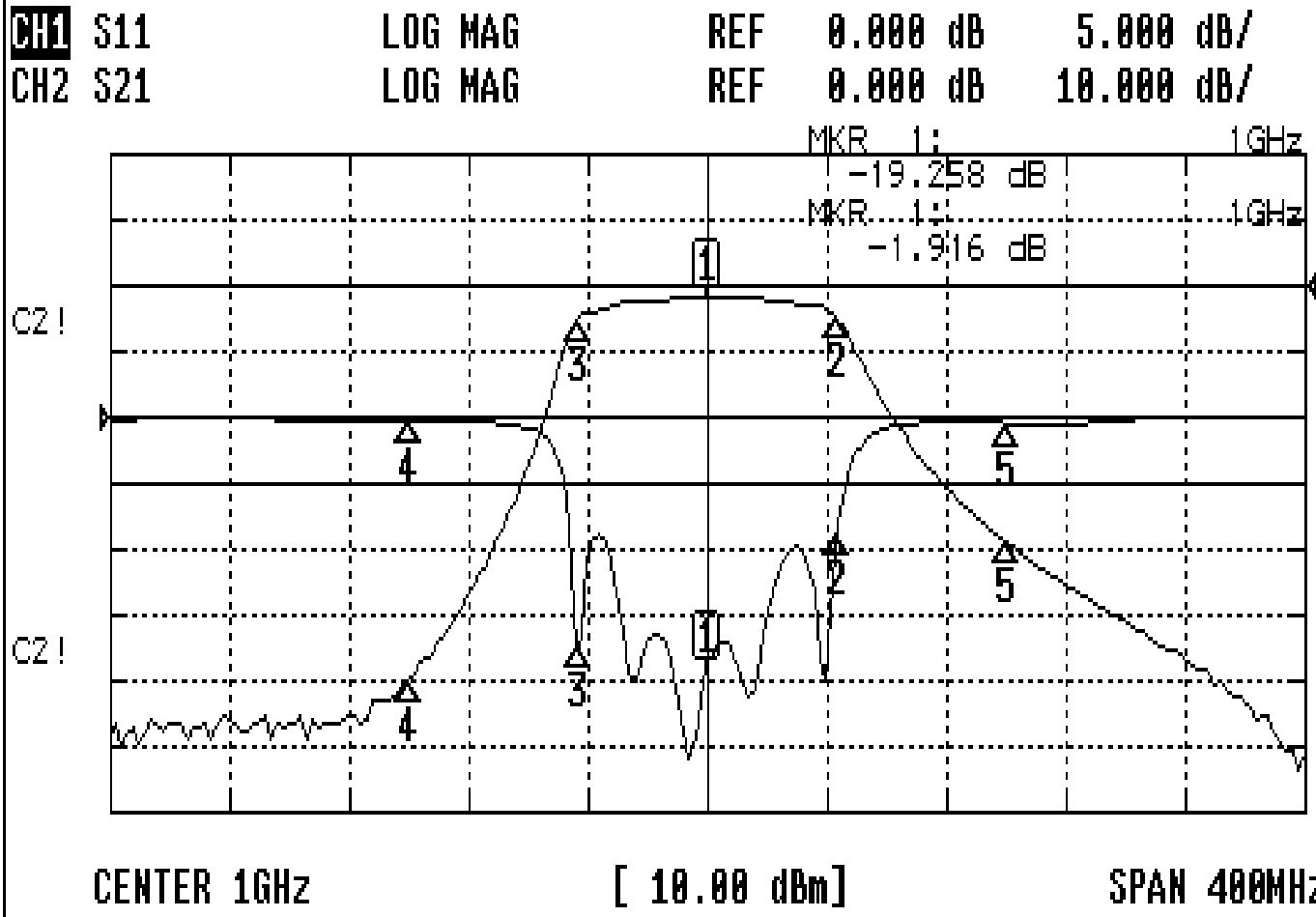


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	Z.Y.Wang	7H5S(4*8.0)(8.3) 7H046LB5 7H046LB5.5

TEMWELL CORPORATION

Performance- TV70522A-1000M

202002039CD



CH1 MARKER LIST

1:	1.000 000GHz	-19.244 dB
2:	1.043 666GHz	-8.616 dB
3:	956.760MHz	-17.369 dB
4:	900.000MHz	-0.200 dB
5:	1.100 000GHz	-0.458 dB

CH2 MARKER LIST

1:	1.000 000GHz	-1.921 dB
2:	1.043 666GHz	-4.926 dB
3:	956.760MHz	-4.972 dB
4:	900.000MHz	-60.138 dB
5:	1.100 000GHz	-38.863 dB