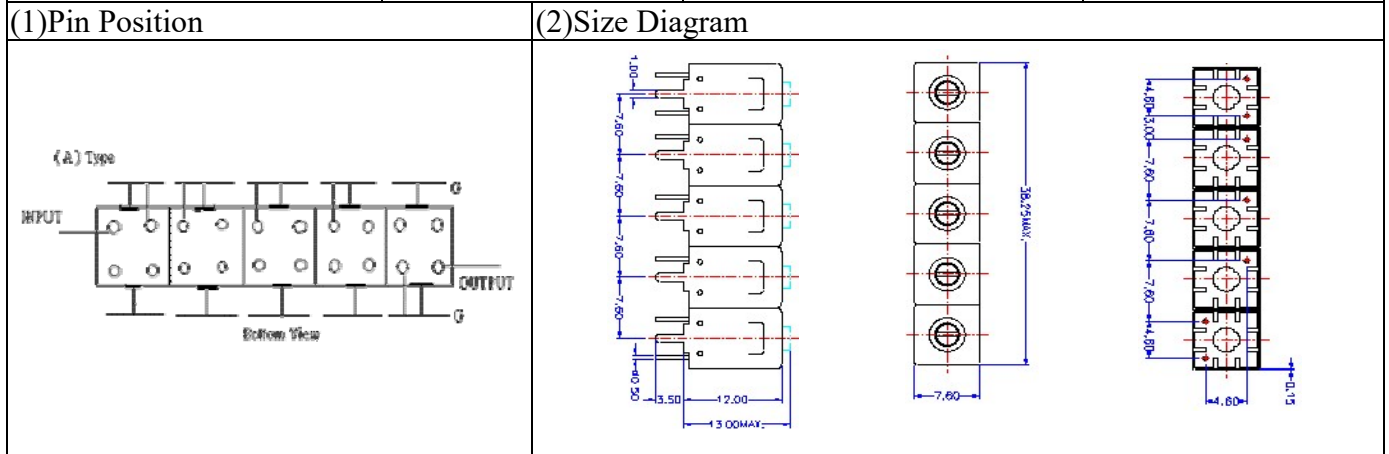


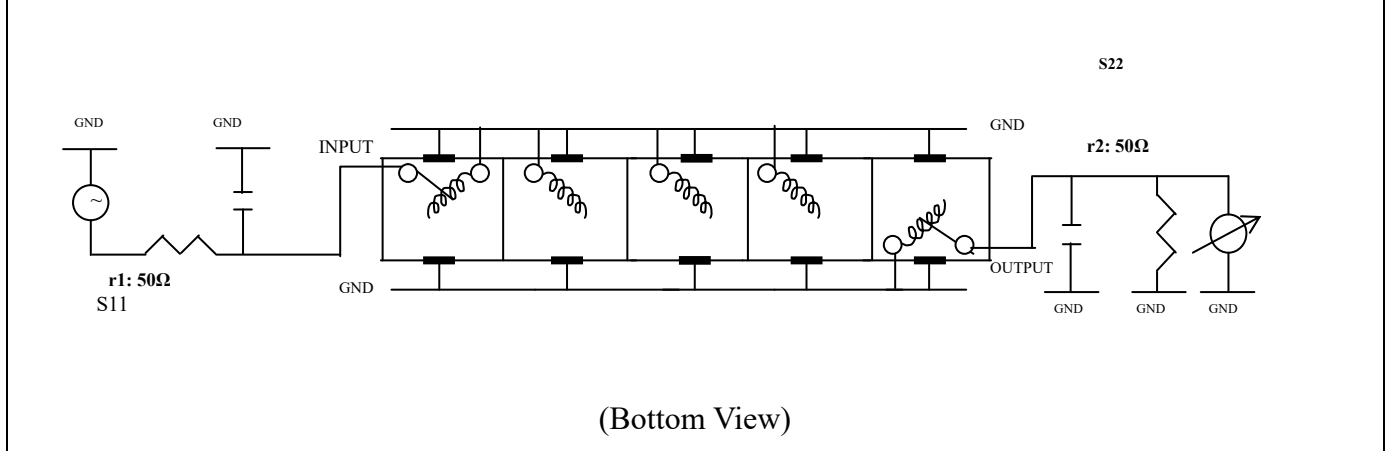
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70297A-675M
Approval No. /dated		Temwell's Print Name.	70297A 675M
Work Instruction No.	202010041CD	Date	Dec.09.2020



(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		675 MHz	675 MHz
Insertion Loss		Typ. 4.0 dB	3.14 dB
-3 dB Bandwidth		Typ. 21 MHz	25.9 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 57 dBc	67 dBc
	Fo + 50 MHz	Typ. 48 dBc	53 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	31.7 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(- -).

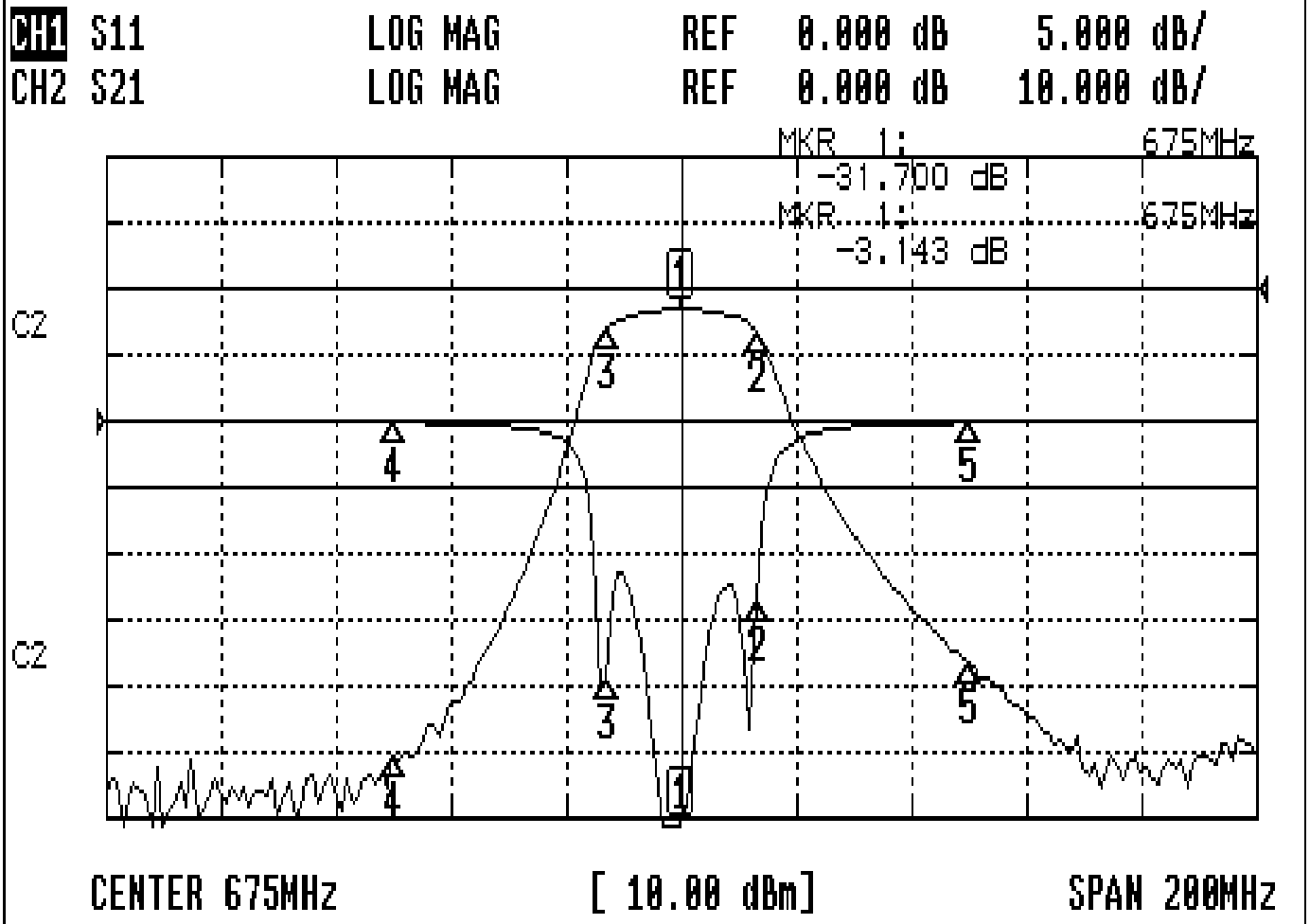


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	Z.Y.Wang	7H5S(4*6.35)(6.38) 7H046LB4.3 聚 3

TEMWELL CORPORATION

Performance- TV70297A-675M

202010041CD



CH1 MARKER LIST

1:	675.000MHz	-31.700 dB
2:	687.930MHz	-14.325 dB
3:	662.000MHz	-19.463 dB
4:	625.000MHz	-0.119 dB
5:	725.000MHz	-0.141 dB

CH2 MARKER LIST

1:	675.000MHz	-3.143 dB
2:	687.930MHz	-6.166 dB
3:	662.000MHz	-6.166 dB
4:	625.000MHz	-70.740 dB
5:	725.000MHz	-56.979 dB