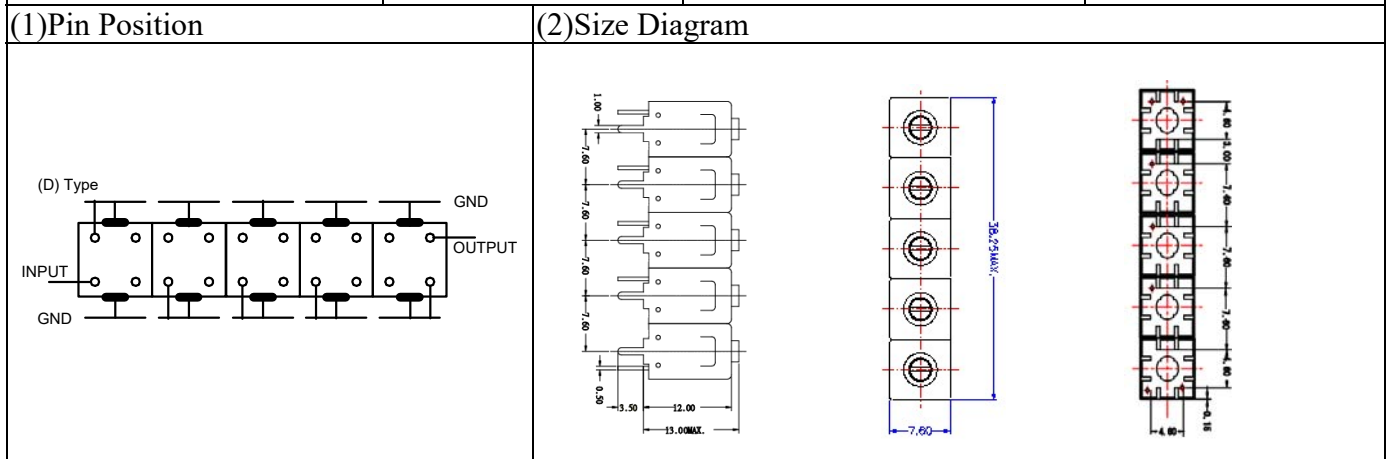


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70208D-614M
Approval No. /dated		Customer's Print Name	70208D 614M
Work Instruction No.	202010034CD	Date	Nov.11.2020



(3)Electric Characteristic

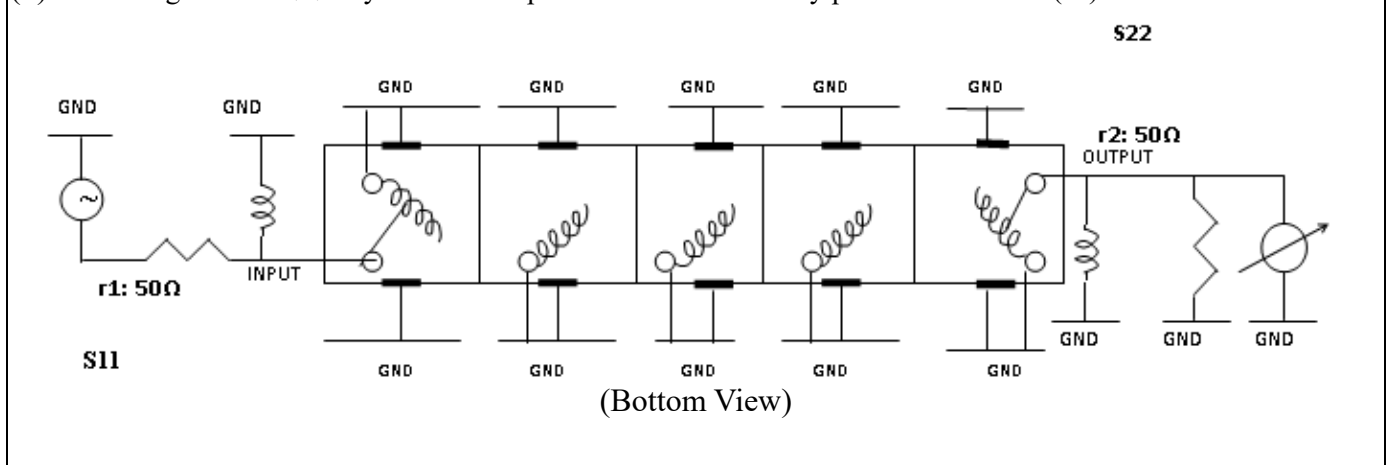
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	614 MHz	614 MHz
Insertion Loss	Typ 3.5 dB	2.81 dB
-3 dB Bandwidth	Typ. 20 MHz	24.5 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 76 dBc
	Fo + 50 MHz	Typ. 48 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	21.1 dB
Ripple	< 1 dB	dB
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

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

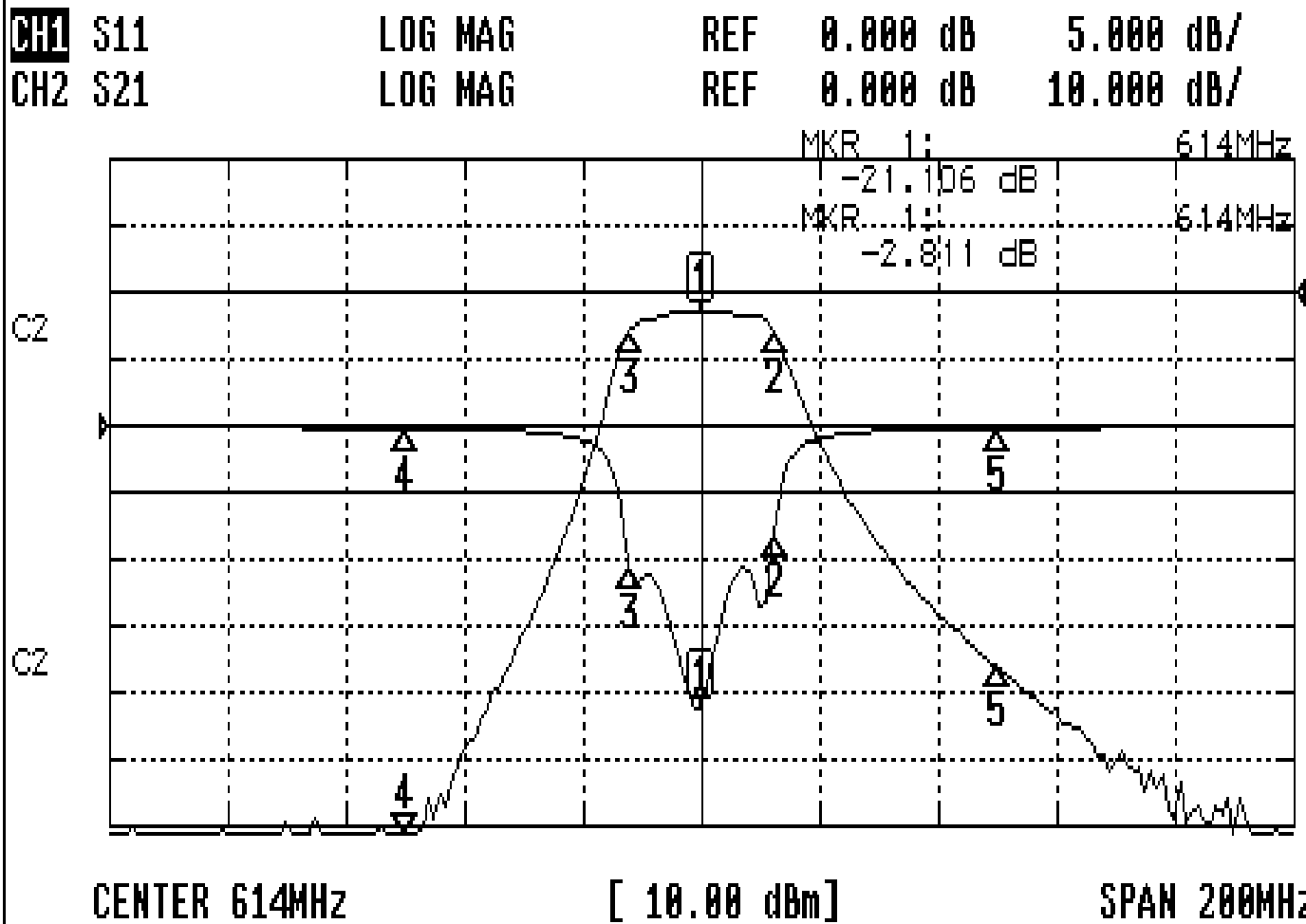


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	Z.Y.Wang	7H5S(4*5.5)(5.53) 7H046LB4.3 聚 3

TEMWELL CORPORATION

Performance- TV70208D-614M

202010034CD



CH1 MARKER LIST

1:	614.000MHz	-21.106	dB
2:	626.325MHz	-8.270	dB
3:	601.800MHz	-10.394	dB
4:	564.000MHz	-0.192	dB
5:	664.000MHz	-0.197	dB

CH2 MARKER LIST

1:	614.000MHz	-2.814	dB
2:	626.325MHz	11.827	dB
3:	601.800MHz	11.834	dB
4:	564.000MHz	9.671	dB
5:	664.000MHz	6.259	dB