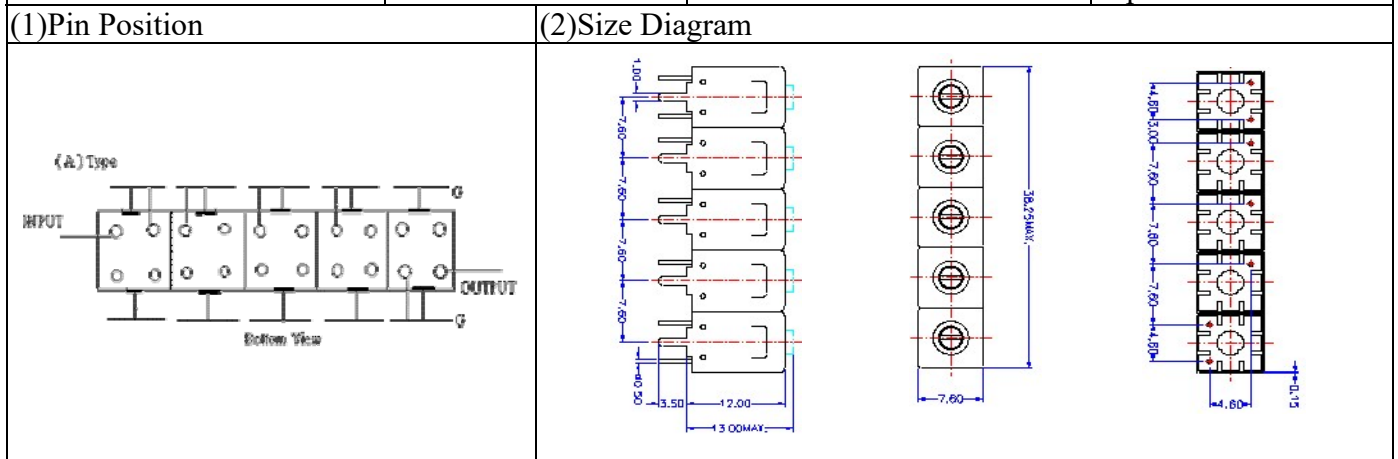


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV7020A-341.4M
Approval No. /dated		Temwell's Print Name.	7020A 341.4M
Work Instruction No.	202008037CD	Date	Sep.14.2020



(3)Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	341.4 MHz	341.4 MHz
Insertion Loss	Typ. 2.5 dB	1.34 dB
-3 dB Bandwidth	Typ. 40 MHz	42.1 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 54 dBc
	Fo + 50 MHz	Typ. 35 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	23.4 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

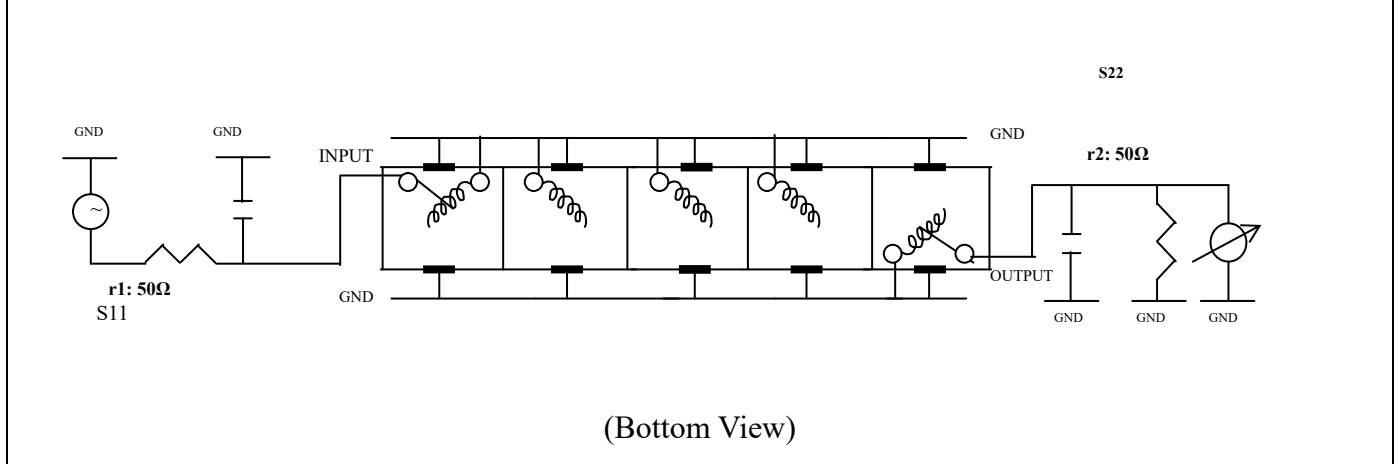
(4)Torque for Tuning Screw > 60gf · cm

(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(- -).

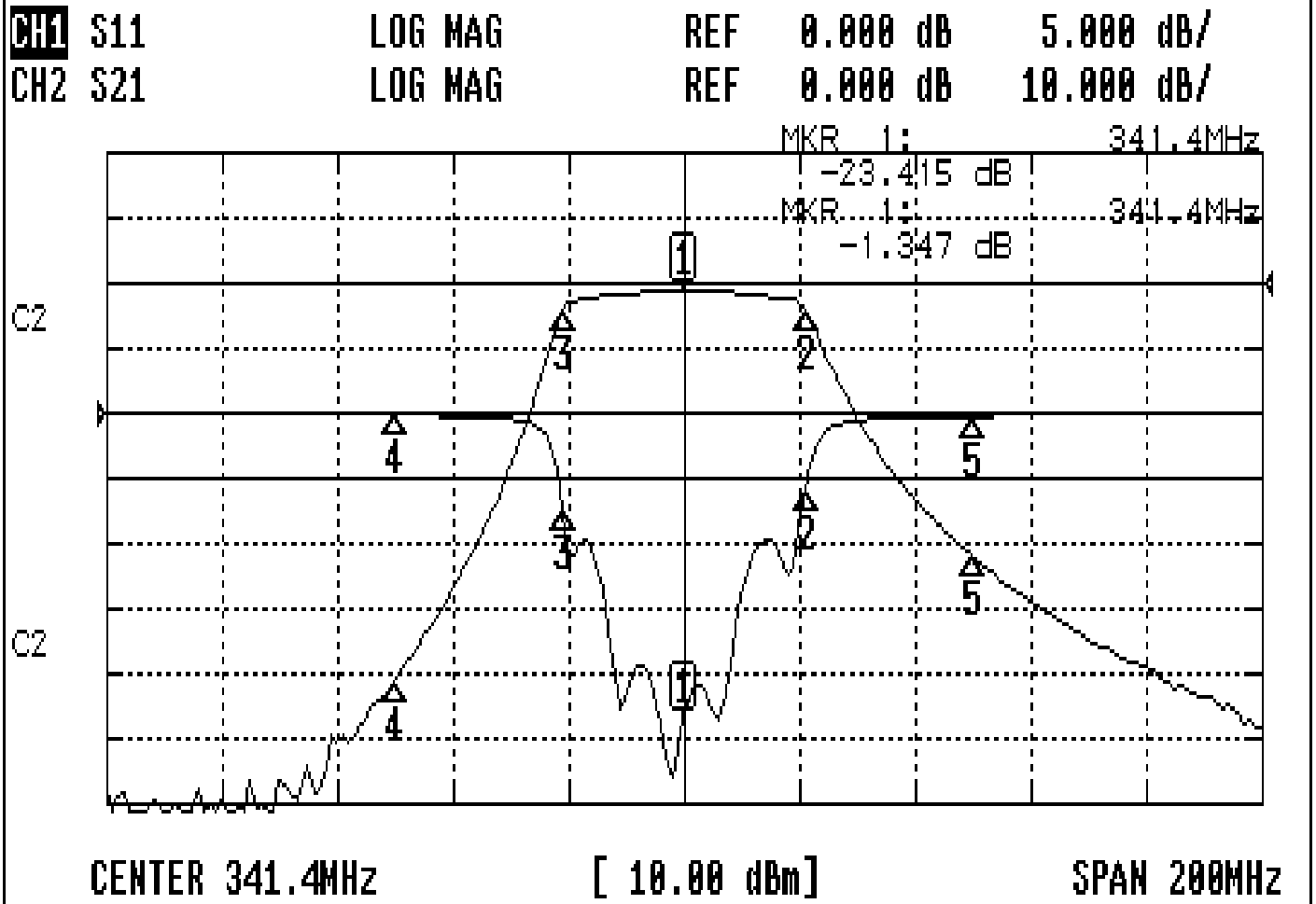


Approval C.C.Chang	Supervisor C.K.Chang	Designer Z.Y.Wang	Aperture size 7H5S(4*6.8)(6.83) 7H046RB5.5
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TEMWELL CORPORATION

Performance- TV7020A-341.4M

202008037CD



CH1 MARKER LIST

1	341.400MHz	-23.402	dB
2	362.470MHz	-15.607	dB
3	320.340MHz	-7.306	dB
4	291.400MHz	-0.112	dB
5	391.400MHz	-0.162	dB

CH2 MARKER LIST

1	341.400MHz	-1.347	dB
2	362.470MHz	-4.380	dB
3	320.340MHz	-4.372	dB
4	291.400MHz	-61.087	dB
5	391.400MHz	-41.919	dB