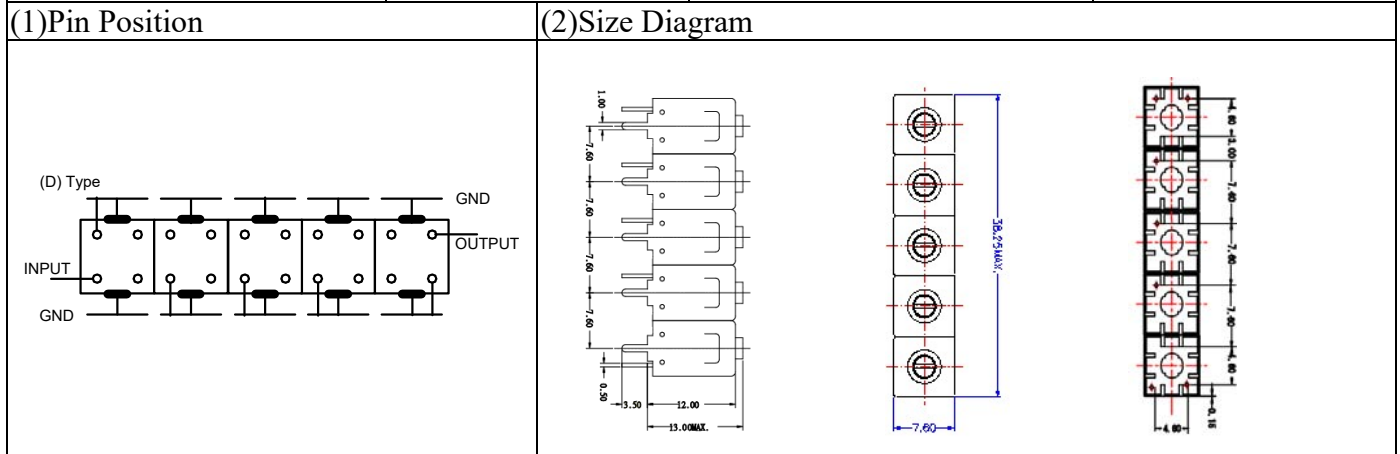


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70288D-1015M
Approval No. /dated	202002042CD	Customer's Print Name	70288D 1015M
Work Instruction No.	202002042CD	Date	Feb.27.2020



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1015 MHz	1015 MHz	
Insertion Loss	Typ 3.5 dB	2.38 dB	
-3 dB Bandwidth	Typ. 56 MHz	61.6 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 66 dBc	76 dBc
	Fo + 100 MHz	Typ. 40 dBc	45 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	27.1 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

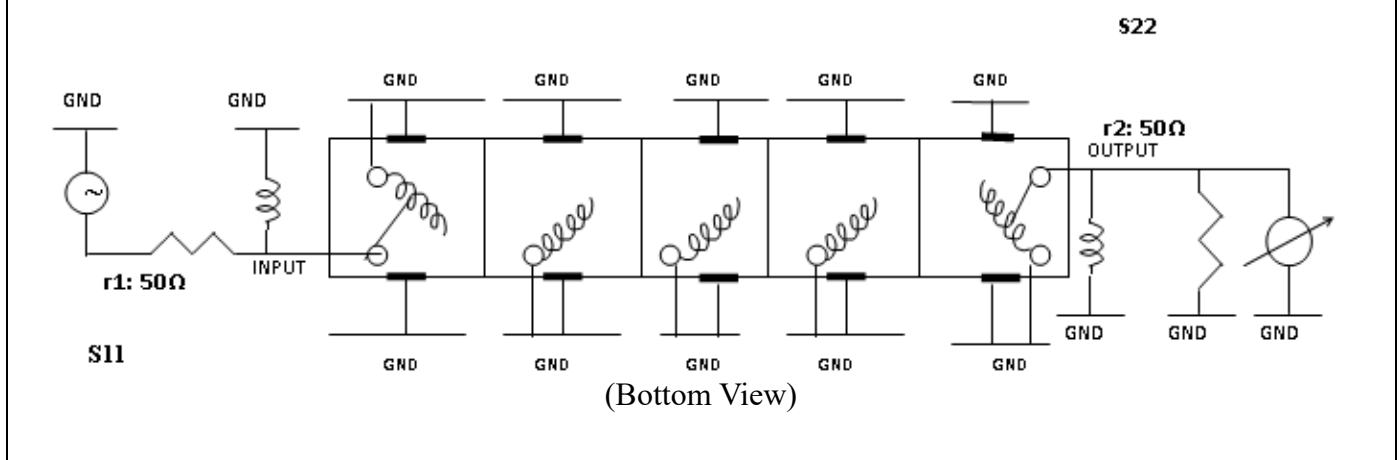
(4) Torque for Tuning Screw > 60gf • cm

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 1Watt

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

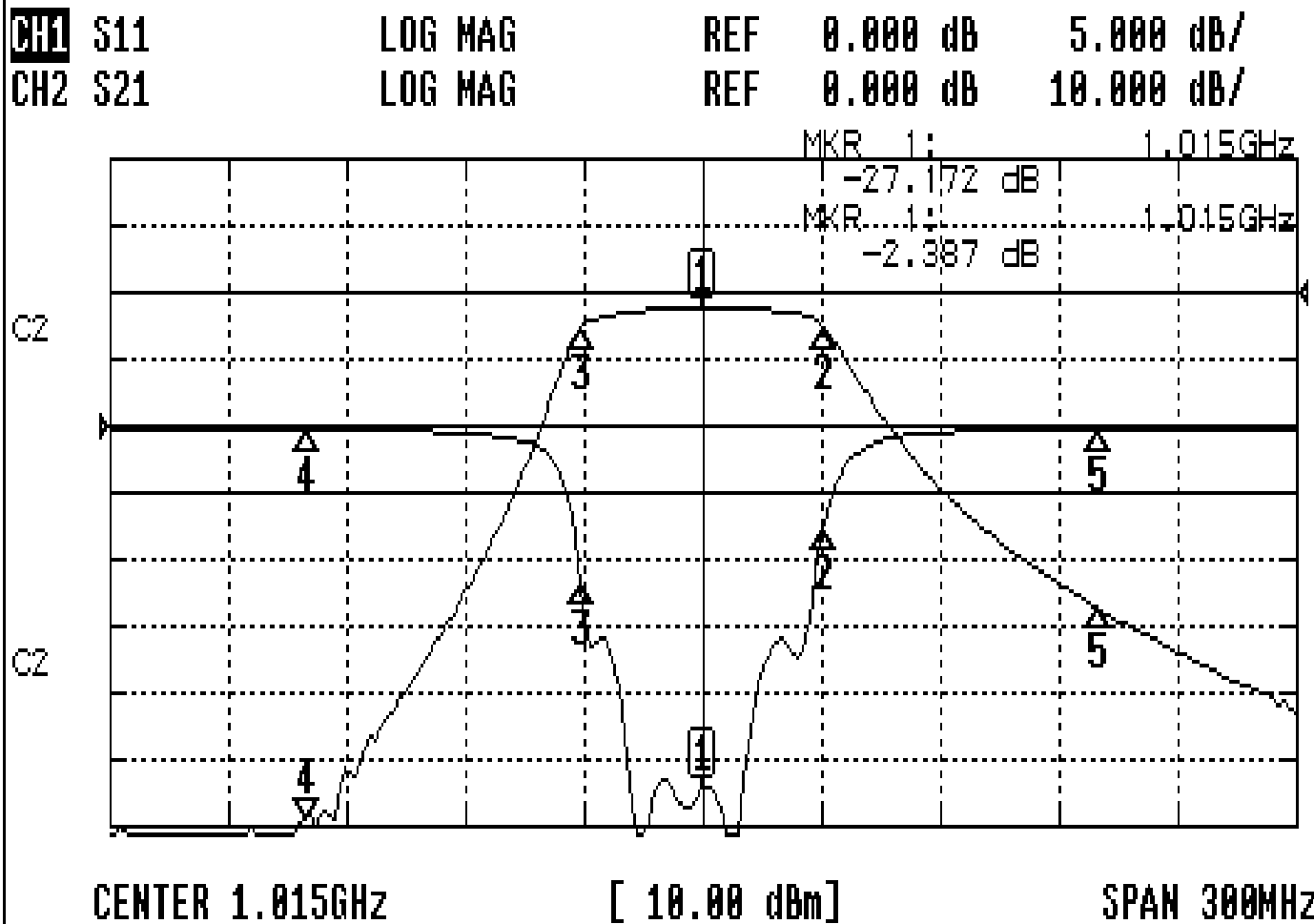


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	C.H.Yeh	7H5S(4*7.35)(7.40) 7H046LB5

TEMWELL CORPORATION

Performance- TV70288D-1015M

202002042CD



CH1 MARKER LIST

Marker	Freq	Magnitude
1	1.015 000GHz	-27.172 dB
2	1.045 870GHz	-7.320 dB
3	984.260MHz	-11.977 dB
4	915.000MHz	-0.245 dB
5	1.115 000GHz	-0.234 dB

CH2 MARKER LIST

Marker	Freq	Magnitude
1	1.015 000GHz	-2.387 dB
2	1.045 870GHz	-15.389 dB
3	984.260MHz	-15.393 dB
4	915.000MHz	-78.911 dB
5	1.115 000GHz	-47.369 dB