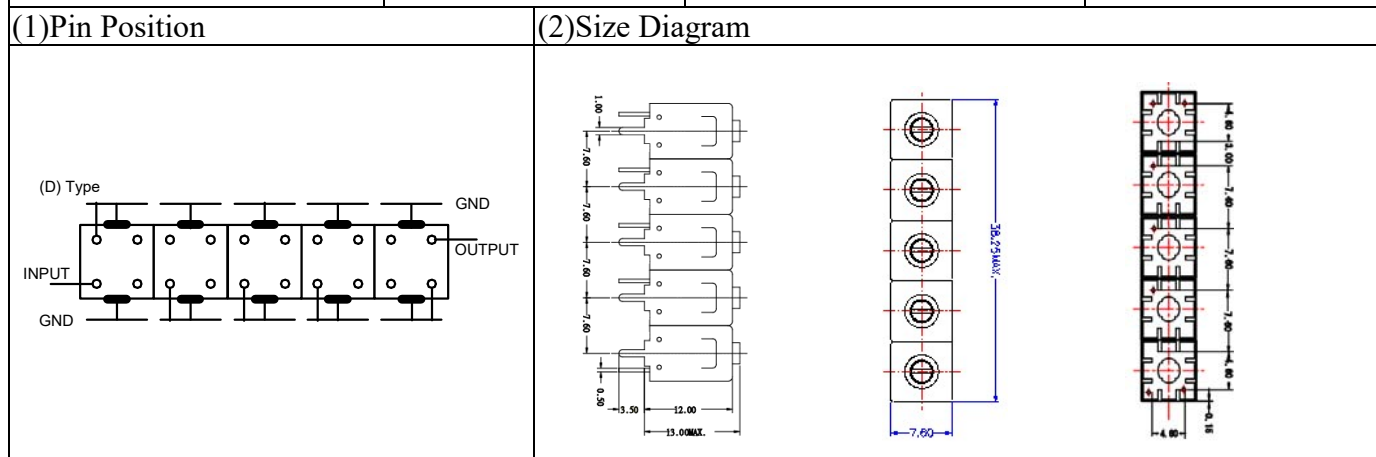


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV7076D-535M
Approval No. /dated		Customer's Print Name	7076D 535M
Work Instruction No.	202010028CD	Date	Nov.17.2020



(3)Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	535 MHz	535 MHz	
Insertion Loss	Typ 4.5 dB	3.42 dB	
-3 dB Bandwidth	Typ. 20 MHz	22.2 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 68 dBc	78 dBc
	Fo + 50 MHz	Typ. 54 dBc	59 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	24.8 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4)Torque for Tuning Screw	> 60gf • cm		

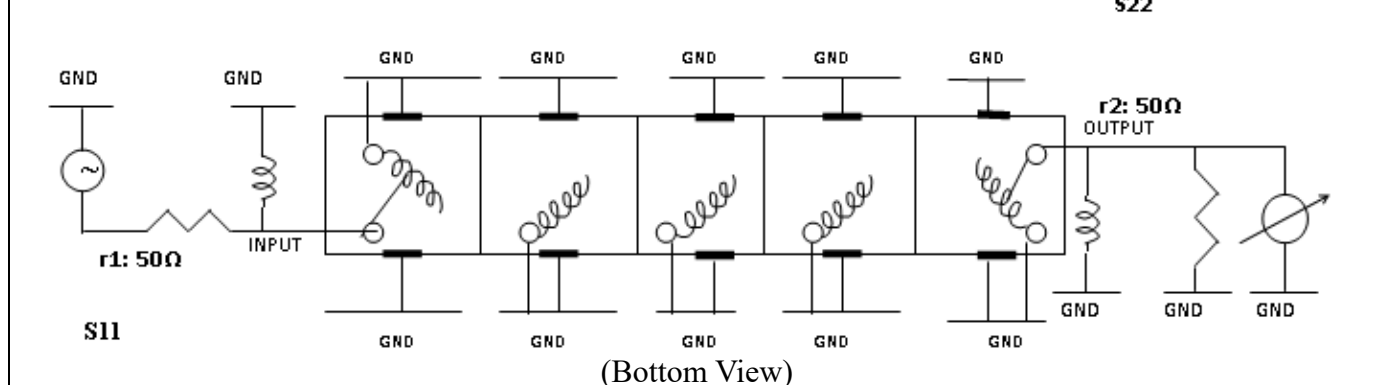
(5)Temperature Condition:

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(- -).



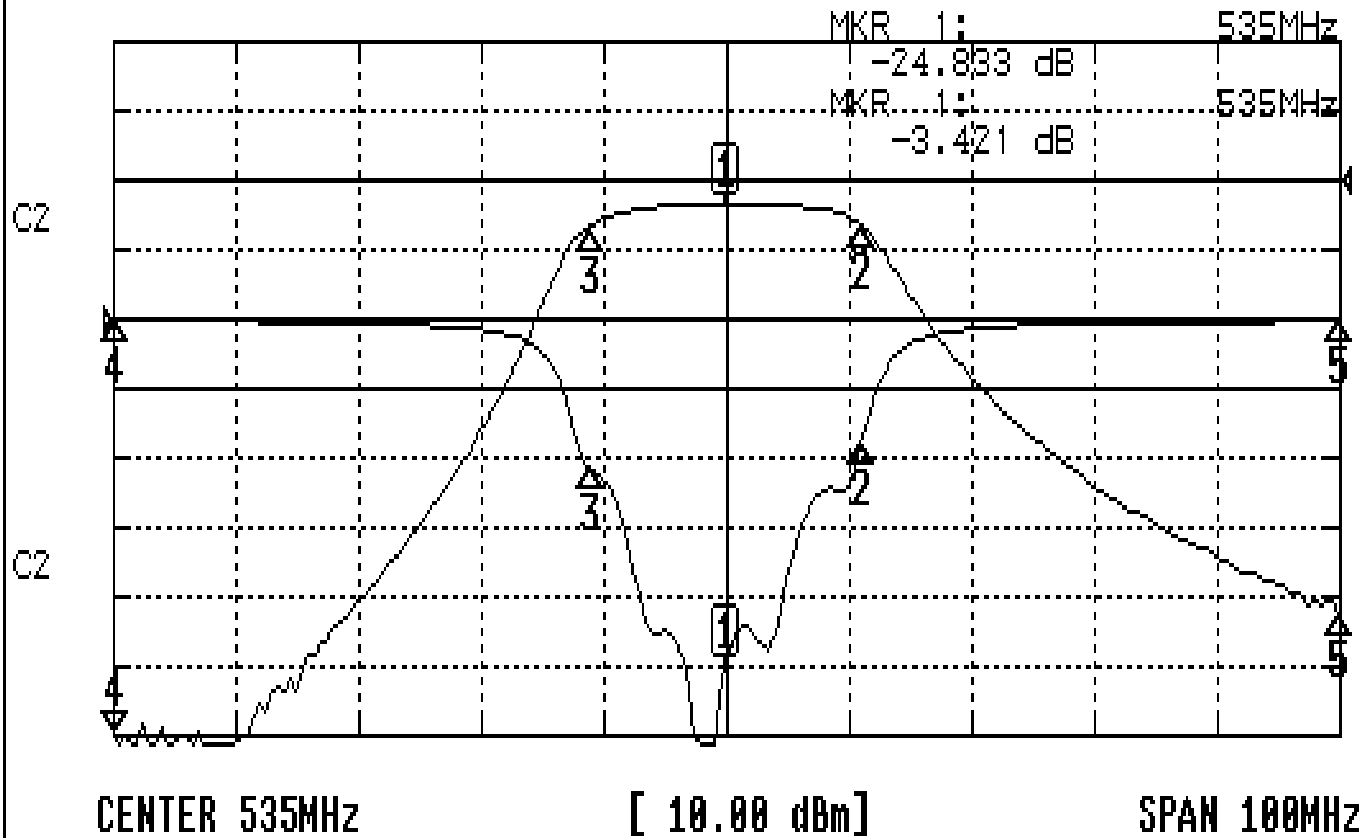
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	C.H.Yeh	7H5S(4*5.6)(5.63) 7H046LB4.3 聚 3

TEMWELL CORPORATION

Performance- TV7076D-535M

202010028CD

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CH1 MARKER LIST

1:	535.000MHz	-24.831 dB
2:	546.120MHz	-8.755 dB
3:	523.830MHz	-10.536 dB
4:	485.000MHz	-0.070 dB
5:	585.000MHz	-0.122 dB

CH2 MARKER LIST

1:	535.000MHz	-3.421 dB
2:	546.120MHz	-6.466 dB
3:	523.830MHz	-6.427 dB
4:	485.000MHz	-82.182 dB
5:	585.000MHz	-62.500 dB