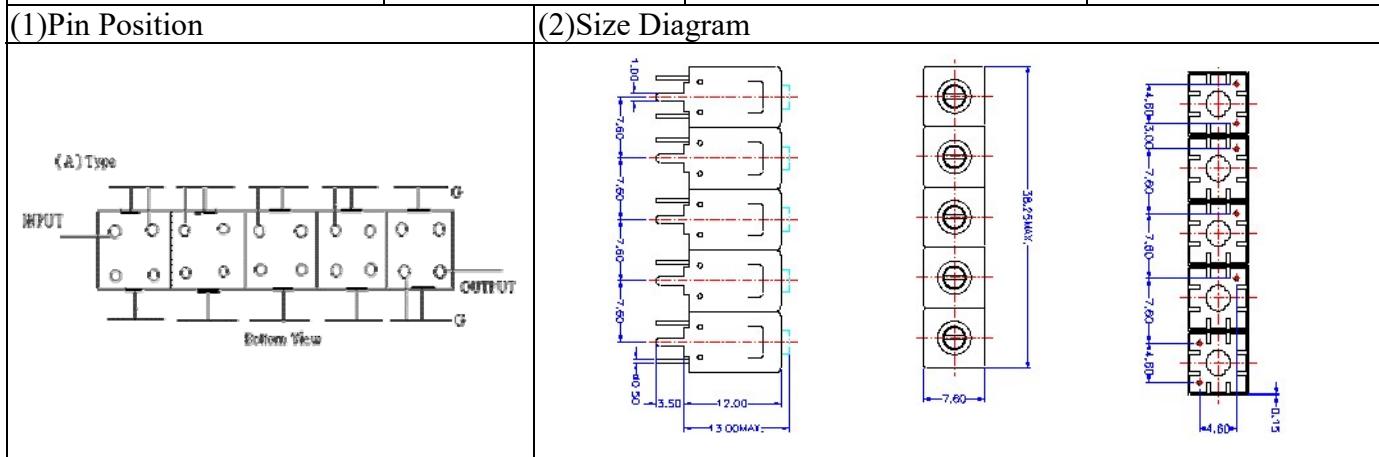


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV65432A-1000M
Approval No. /dated	202002038CD	Temwell's Print Name.	65432A 1000M
Work Instruction No.	202002038CD	Date	Feb.25.2020



(3)Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1000 MHz	1000 MHz	
Insertion Loss	Typ. 3.5 dB	2.29 dB	
-3 dB Bandwidth	Typ. 50 MHz	57.3 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 56 dBc	66 dBc
	Fo + 100 MHz	Typ. 49 dBc	54 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	22.1 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

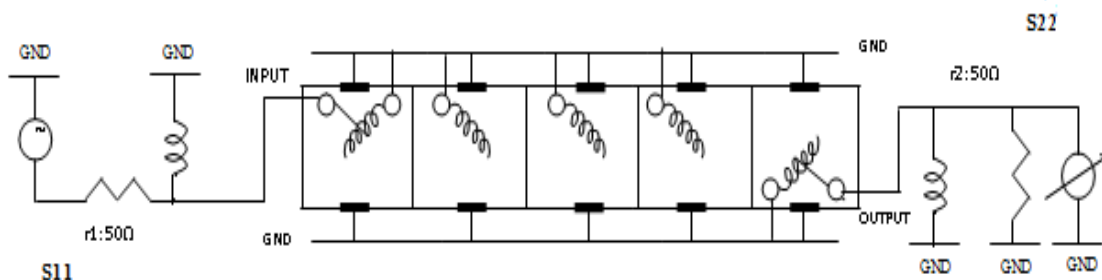
(4)Torque for Tuning Screw > 60gf · cm

(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(- -).



(Bottom View)

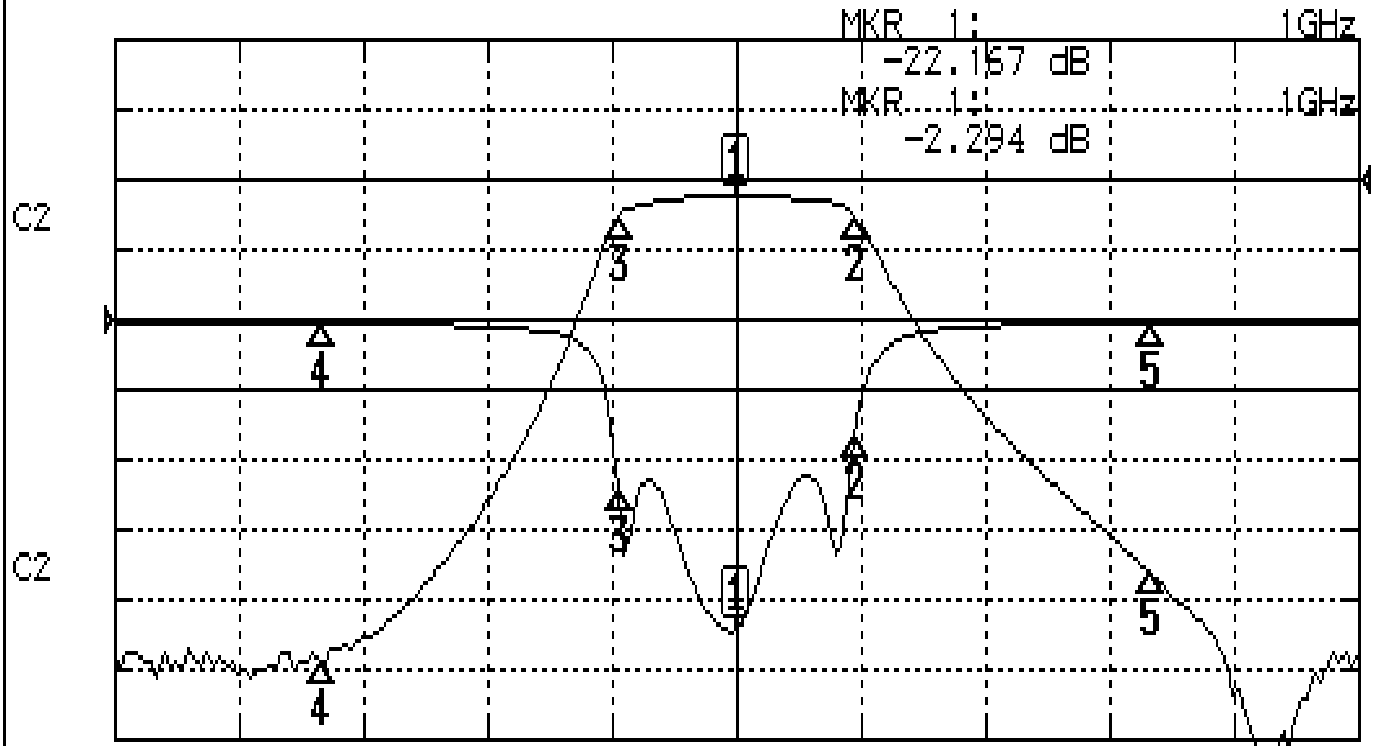
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	Z.Y.Wang	7H5S(4*5.5)(5.58) 7H046LB5

TEMWELL CORPORATION

Performance- TV65432A-1000M

202002038CD

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



CENTER 1GHz

[10.00 dBm]

SPAN 300MHz

CH1 MARKER LIST

Marker	Freq	Magnitude	Unit
1	1.000 000GHz	-22.167	dB
2	1.028 800GHz	-8.053	dB
3	971.440MHz	-11.773	dB
4	900.000MHz	-0.289	dB
5	1.100 000GHz	-0.306	dB

CH2 MARKER LIST

Marker	Freq	Magnitude	Unit
1	1.000 000GHz	-2.298	dB
2	1.028 800GHz	-1.151	dB
3	971.440MHz	-1.151	dB
4	900.000MHz	-6.885	dB
5	1.100 000GHz	6.421	dB