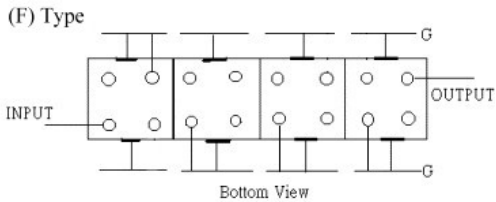
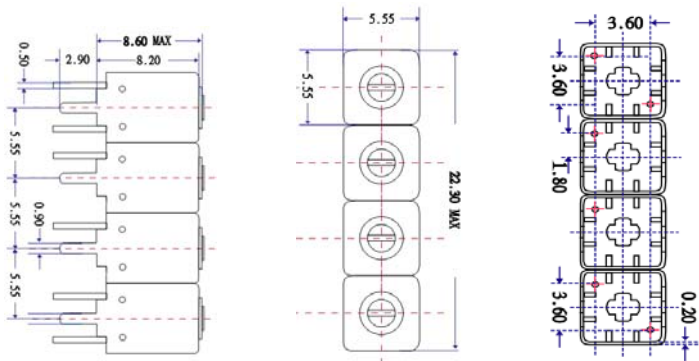


VHF UHF Helical Filter Specification Sheet

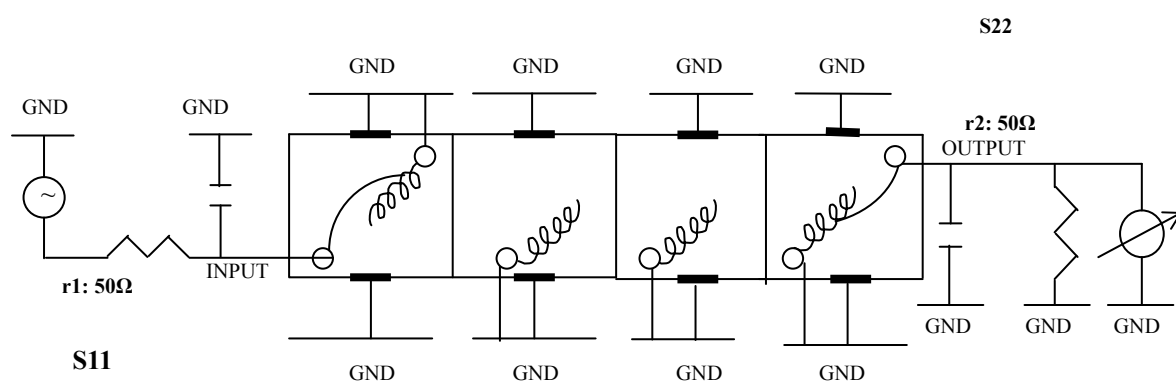
Customer Name		Temwell's Part No.	TFW4904F-325M
Approval No. /dated	201801035CD	Temwell's Print name	4904F 325M
Work Instruction No.	201801035CD	Date	Feb.02.2018

<p>(1) Pin Position</p>  <p>(F) Type</p> <p>INPUT</p> <p>OUTPUT</p> <p>Bottom View</p>	<p>(2) Size Diagram</p> 
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(3) Electric Characteristic		Specify	Performance
Item			
Center Freq.(Fo) +/- 0.5 %		325 MHz	325 MHz
Insertion Loss		Typ. 2.5 dB	1.57 dB
-3 dB Bandwidth		Typ. 40 MHz	44.1 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 61 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	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	> 0.5Watt

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

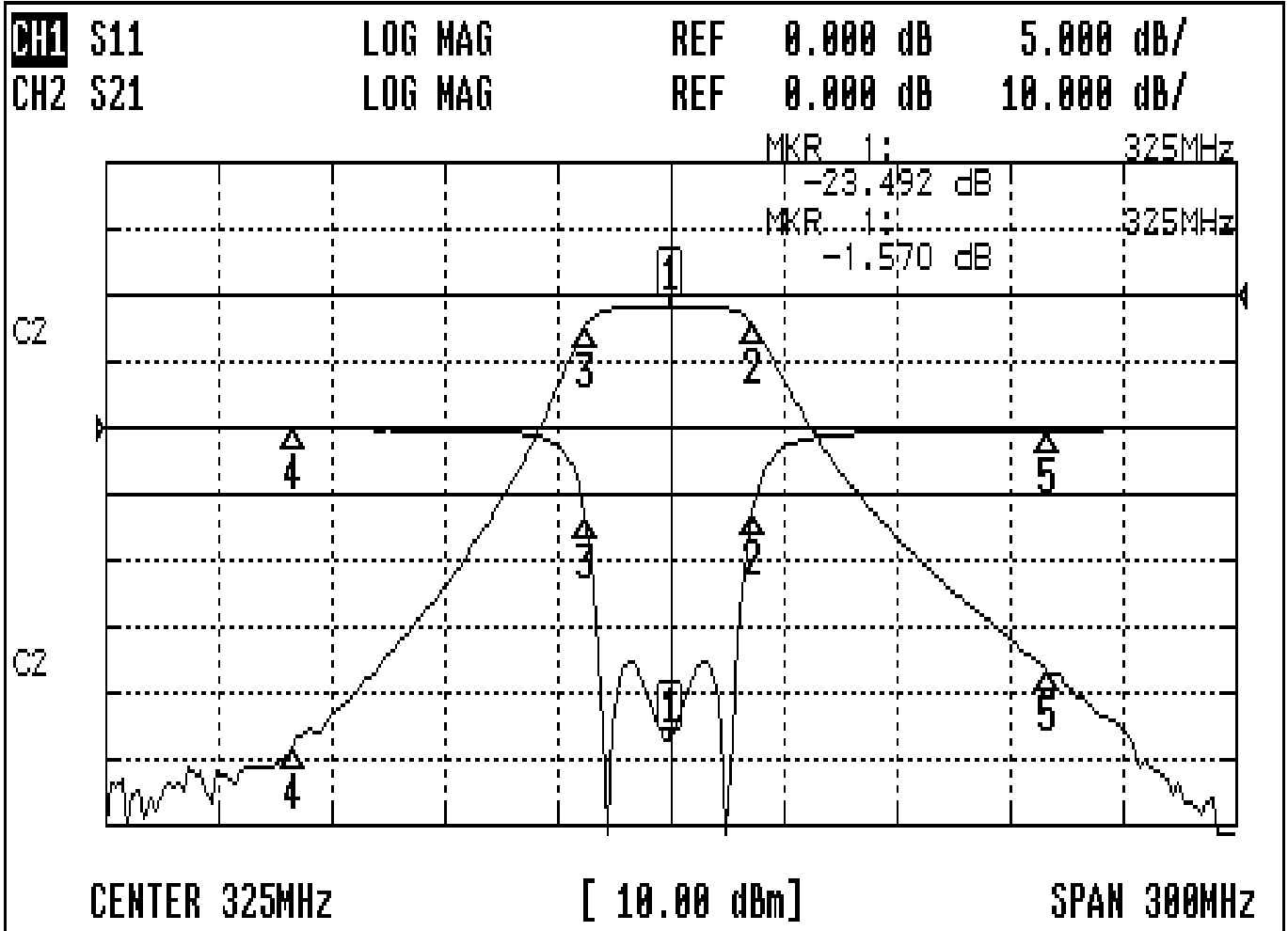


(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*4.0)(4.02) 5HW020RB4.5(J1)
TEMWELL CORPORATION			

Performance-TFW4904F-325M

201801035CD



CH1 MARKER LIST

1:	325.000MHz	-23.492	dB
2:	346.950MHz	-6.400	dB
3:	302.850MHz	-7.180	dB
4:	225.000MHz	-0.130	dB
5:	425.000MHz	-0.169	dB

CH2 MARKER LIST

1:	325.000MHz	-1.570	dB
2:	346.950MHz	-4.580	dB
3:	302.850MHz	-4.580	dB
4:	225.000MHz	-7.891	dB
5:	425.000MHz	-56.417	dB