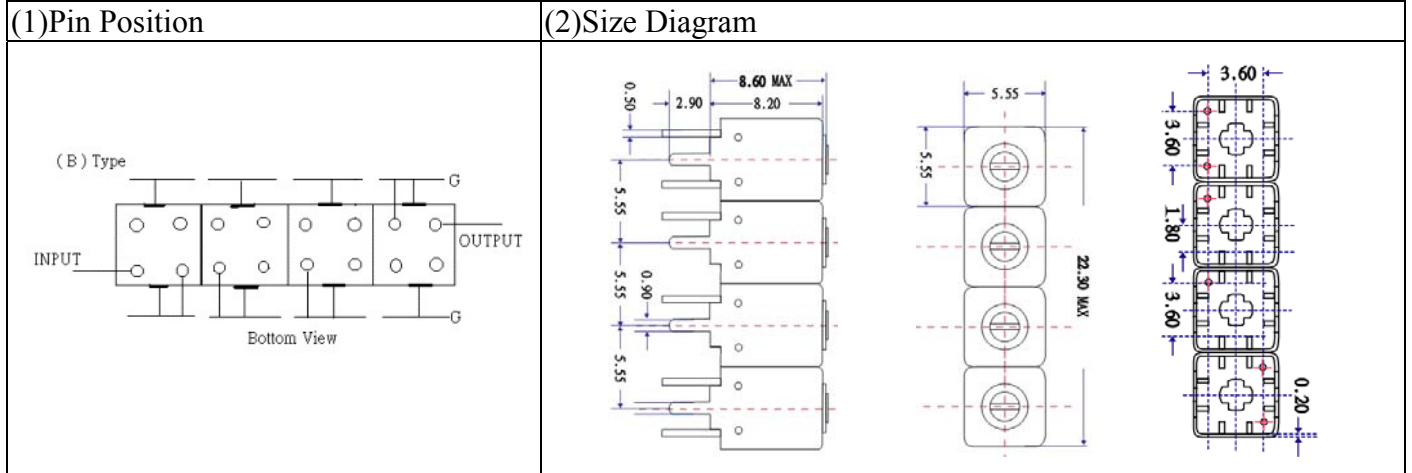


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4492B-730M
Approval No. /dated	201801069CD	Temwell's Print name	4492B 730M
Work Instruction No.	201801069CD	Date	Apr.03.2018



(3)Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	730 MHz	730 MHz	
Insertion Loss	Typ. 5.0 dB	3.94 dB	
-3 dB Bandwidth	Typ. 20 MHz	26.1 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 53 dBc	63 dBc
	Fo + 50 MHz	Typ. 37 dBc	42 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	19.6 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

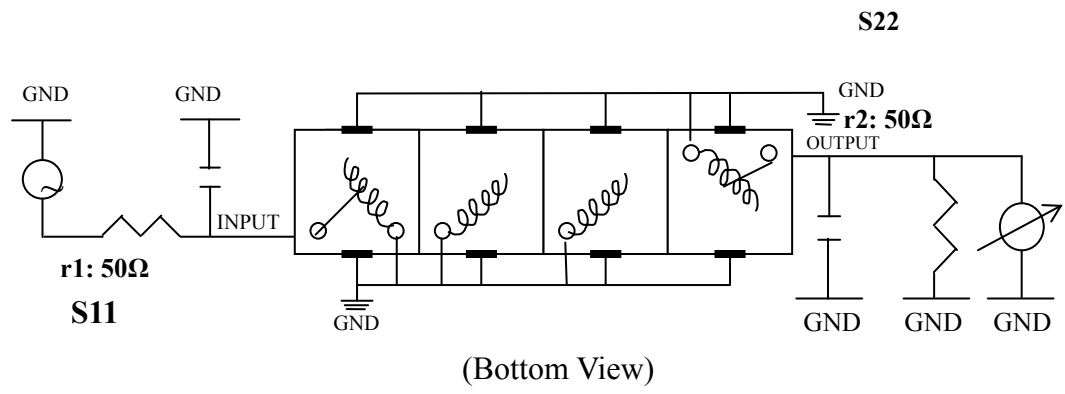
(4)Torque for Tuning Screw > 60gf • cm

(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(- -).

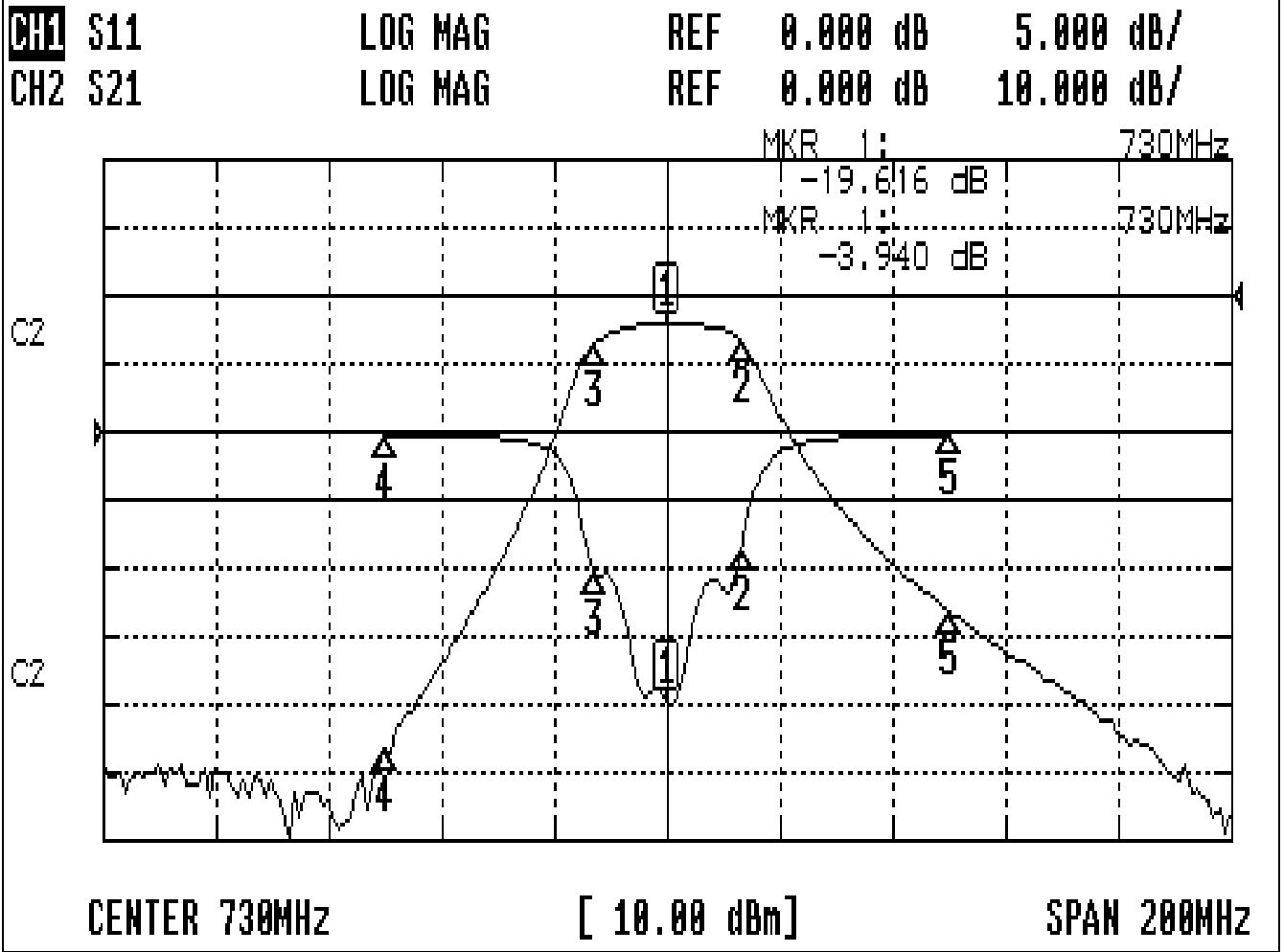


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*4.0)(4.03) 5HW024RB3

TEMWELL CORPORATION

Performance-TFW4492B-730M

201801069CD



CH1 MARKER LIST

1:	730.000MHz	-19.610 dB
2:	743.190MHz	-8.416 dB
3:	717.000MHz	-10.211 dB
4:	680.000MHz	-0.149 dB
5:	780.000MHz	-0.139 dB

CH2 MARKER LIST

1:	730.000MHz	-3.940 dB
2:	743.190MHz	-6.925 dB
3:	717.000MHz	-6.921 dB
4:	680.000MHz	-67.303 dB
5:	780.000MHz	-46.431 dB