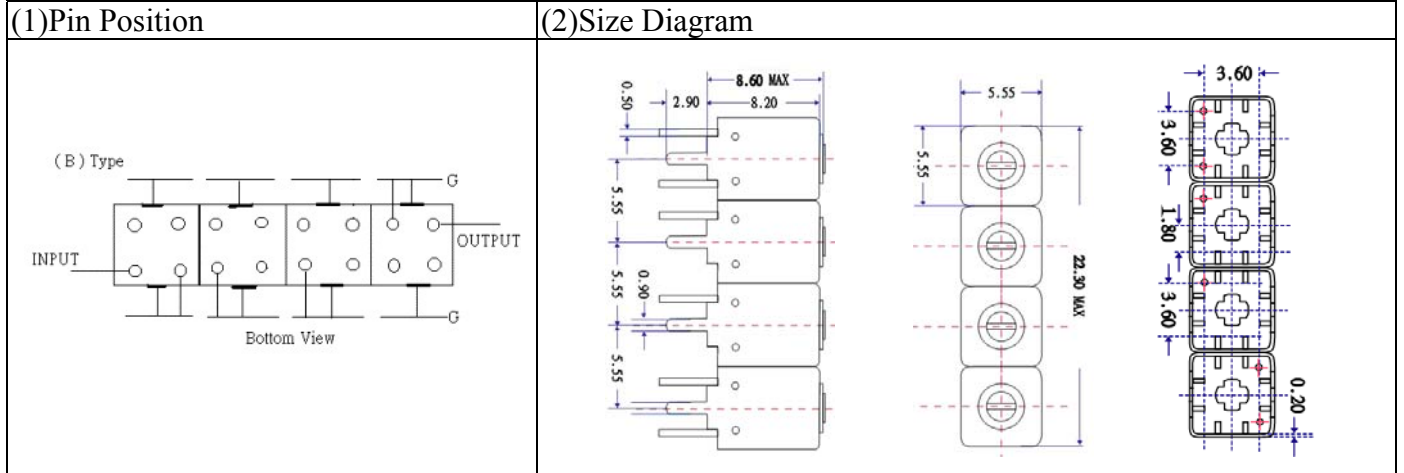


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4500B-765M
Approval No. /dated	201803050CD	Temwell's Print name	4500B 765M
Work Instruction No.	201803050CD	Date	Mar.26.2018



(3) Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	765 MHz	765 MHz	
Insertion Loss	Typ. 4.0 dB	3.27 dB	
-3 dB Bandwidth	Typ. 30 MHz	34.6 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 40 dBc	45 dBc
	Fo + 50 MHz	Typ. 26 dBc	31 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	21.8 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

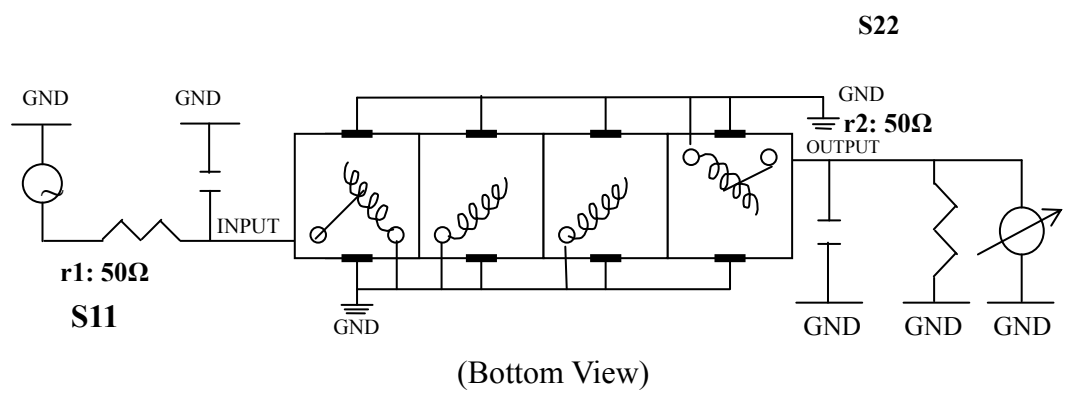
(4) Torque for Tuning Screw > 60gf • cm

(5) Temperature Condition:

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

(6) Input Power > 0.5Watt

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

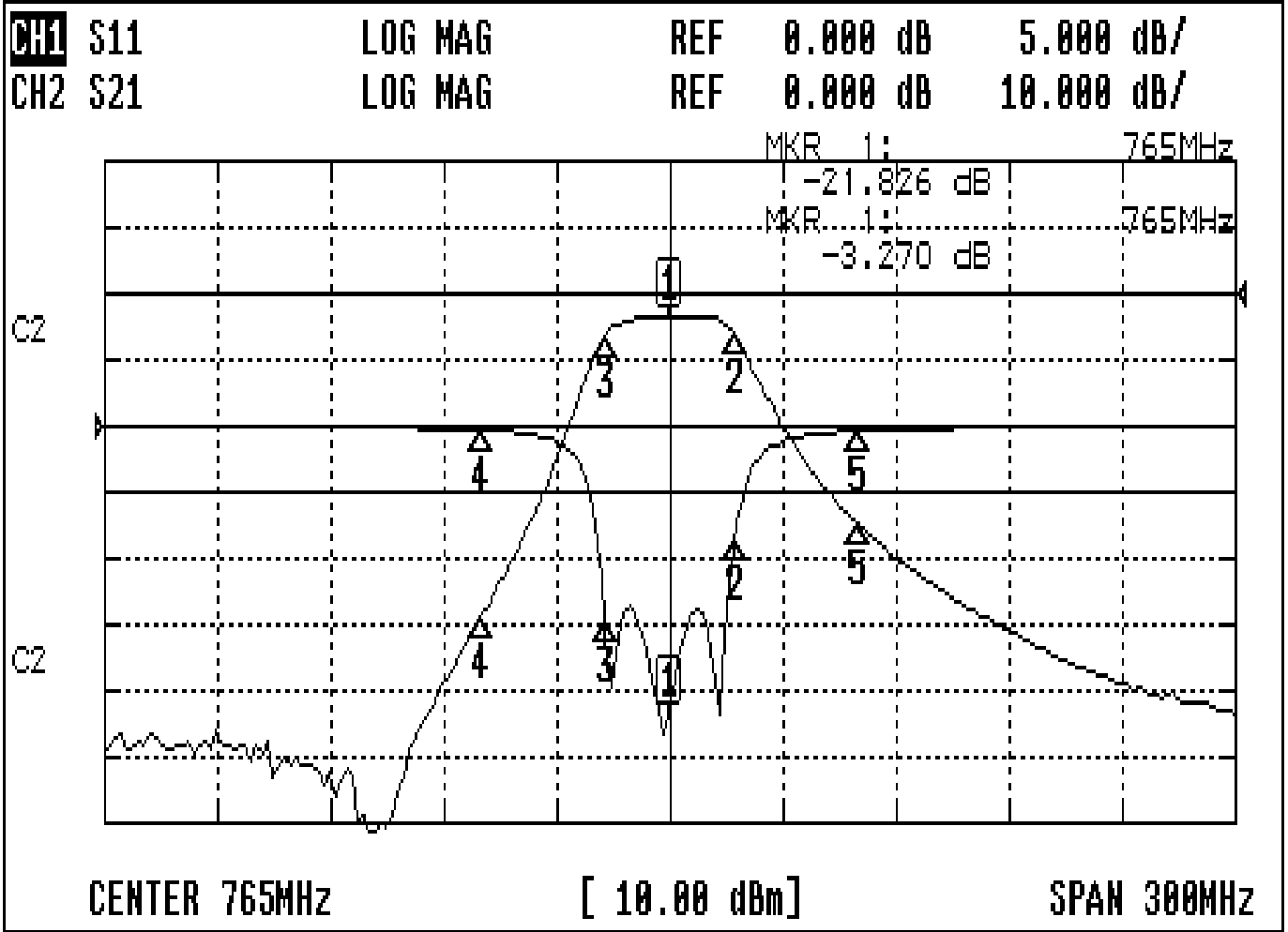


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*4.5)(4.54) 5HW024RB3

TEMWELL CORPORATION

Performance-TFW4500B-765M

201803050CD



CH1 MARKER LIST

1:	765.000MHz	-21.826	dB	
2:	782.400MHz	-15.054	dB	
3:	747.780MHz	-15.054	dB	
4:	715.000MHz	-10.281	dB	
5:	815.000MHz	-0.351	dB	

CH2 MARKER LIST

1:	765.000MHz	-3.270	dB	
2:	782.400MHz	-6.236	dB	
3:	747.780MHz	-6.281	dB	
4:	715.000MHz	-14.875	dB	
5:	815.000MHz	-34.732	dB	