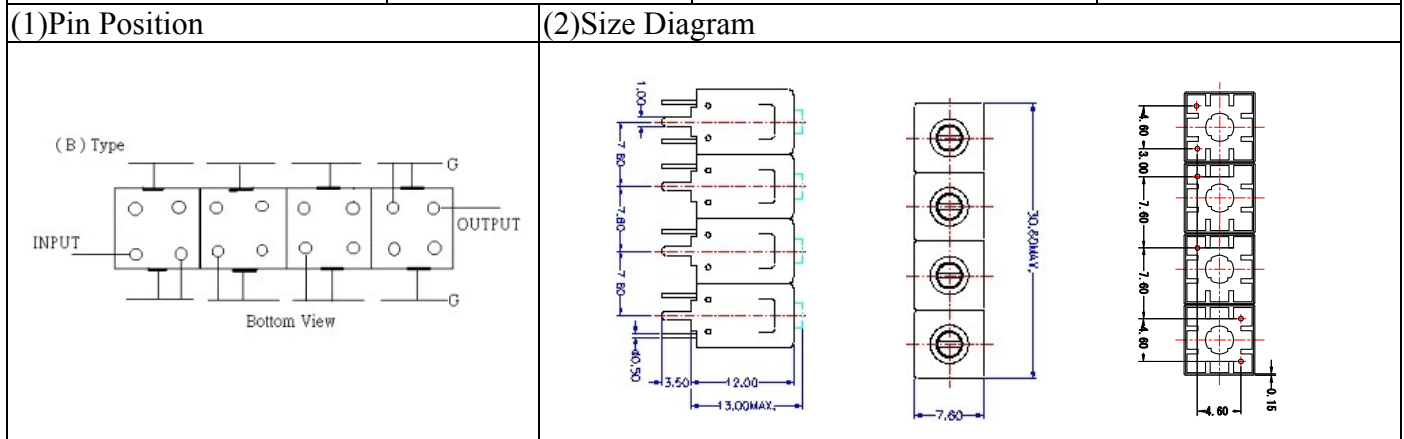


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69419B-50M
Approval No. /dated	201701021CD	Temwell's Print Name	69419B 50M
Work Instruction No.	201701021CD	Date	Jan.23.2017



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	50 MHz	50 MHz	
Insertion Loss	Typ. 4.0 dB	3.56 dB	
-3 dB Bandwidth	Typ. 4 MHz	5.0 MHz	
Sensitivity (Attenuation)	Fo - 10 MHz	Typ. 48 dBc	58 dBc
	Fo + 10 MHz	Typ. 42 dBc	52 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20.5 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

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

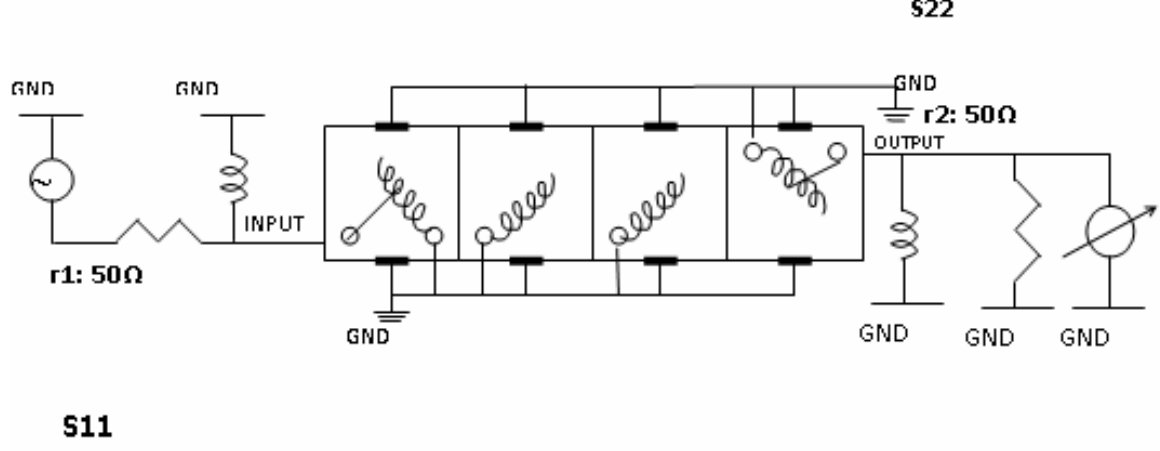
(5) Temperature Condition:

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(- -).



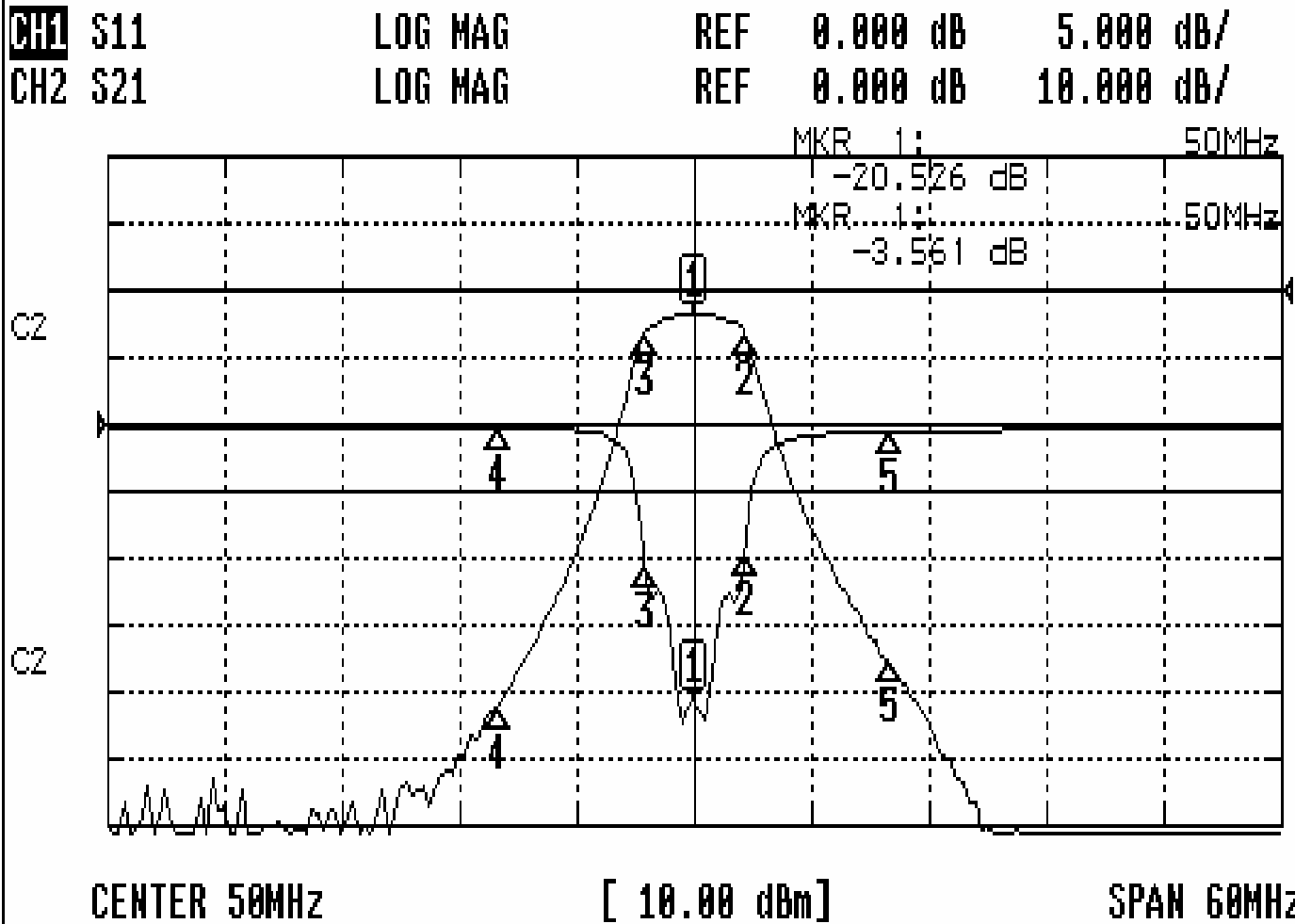
(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	M.Y.Kang	7H4S(4*5.6)(5.67) 7H00LB6

TEMWELL CORPORATION

Performance-TF69419B-50M

201701021CD



CH1 MARKER LIST

1:	50.000MHz	-20.526	dB
2:	52.580MHz	-9.899	dB
3:	47.520MHz	-10.915	dB
4:	40.000MHz	-0.257	dB
5:	60.000MHz	-0.547	dB
6:			
7:			
8:			
9:			
10:			

CH2 MARKER LIST

1:	50.000MHz	-3.560	dB
2:	52.580MHz	-16.530	dB
3:	47.520MHz	-16.552	dB
4:	40.000MHz	-61.579	dB
5:	60.000MHz	-56.160	dB
6:			
7:			
8:			
9:			
10:			