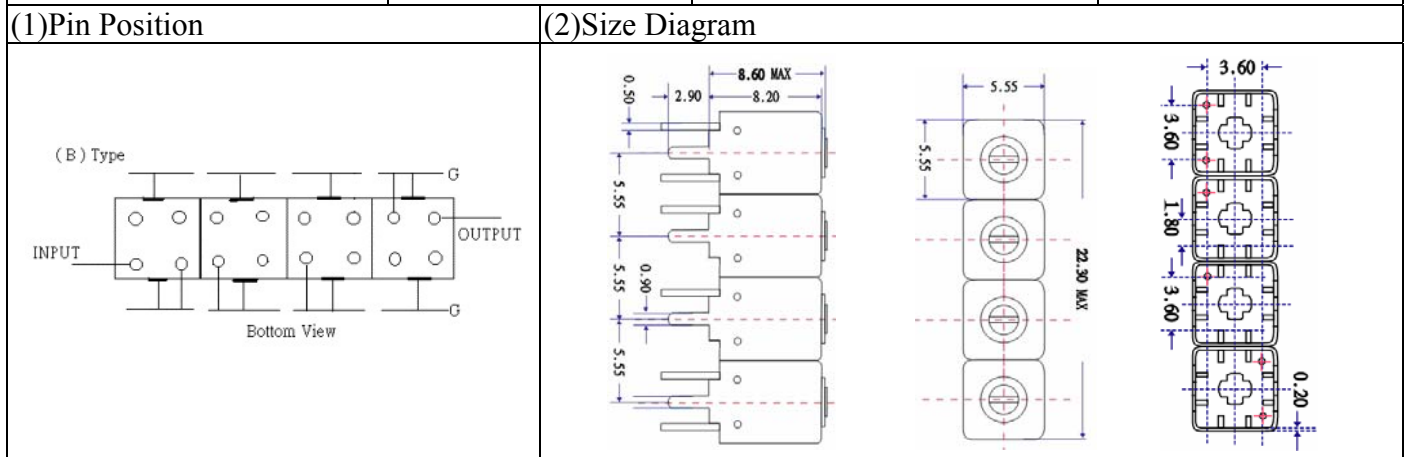


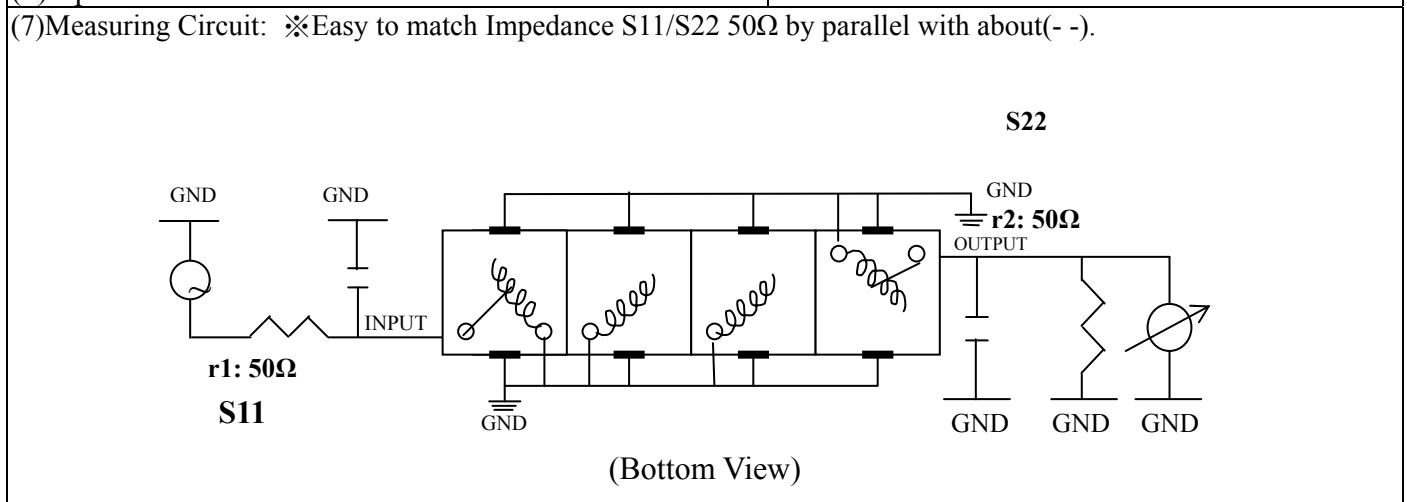
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4759B-1270M
Approval No. /dated	201803034CD	Temwell's Print name	4759B 1270M
Work Instruction No.	201803034CD	Date	Mar.21.2018



(3) Electric Characteristic		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1270 MHz	1270 MHz
Insertion Loss		Typ. 3.0 dB	2.29 dB
-3 dB Bandwidth		Typ. 65 MHz	73.1 MHz
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 54 dBc	64 dBc
	Fo + 200 MHz	Typ. 54 dBc	59 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



Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*4.5)(4.54) 5HW046RB3.2
TEMWELL CORPORATION			

Performance-TFW4759B-1270M

201803034CD

CH1 S11

LOG MAG

REF 0.000 dB

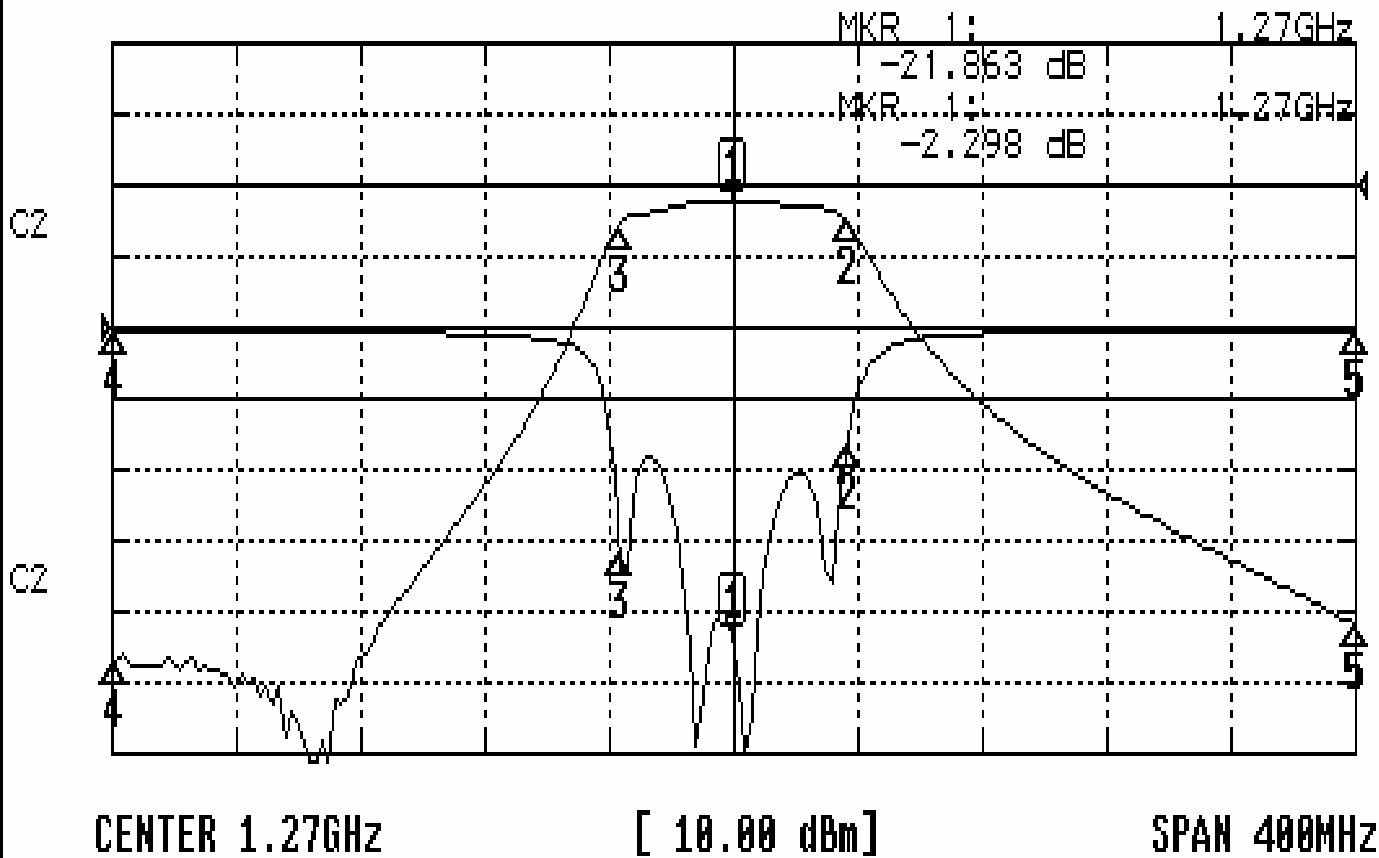
5.000 dB/

CH2 S21

LOG MAG

REF 0.000 dB

10.000 dB/



CH1 MARKER LIST

1:	1.270	000GHz	-21.863	dB
2:	1.306	666GHz	-8.205	dB
3:	1.233	520GHz	-15.403	dB
4:	1.070	000GHz	-0.228	dB
5:	1.470	000GHz	-0.327	dB

10:

CH2 MARKER LIST

1:	1.270	000GHz	-2.298	dB
2:	1.306	666GHz	-15.249	dB
3:	1.233	520GHz	-15.300	dB
4:	1.070	000GHz	-66.328	dB
5:	1.470	000GHz	-61.571	dB

10: