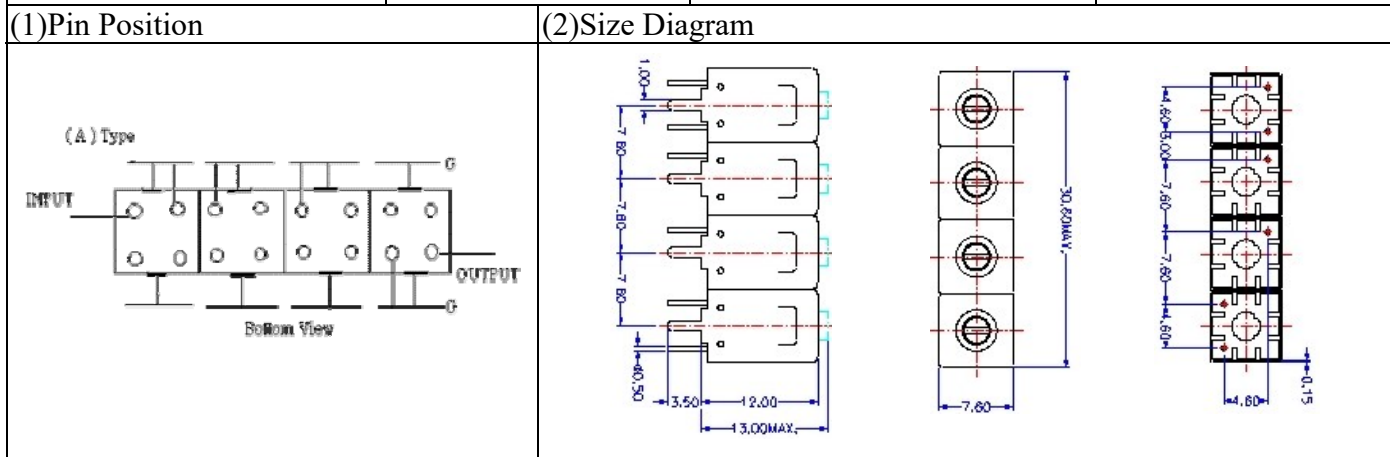


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF64857A-482.4M
Approval No. /dated	201812015CD	Temwell's Print Name	64857A 482.4M
Work Instruction No.	201812015CD	Date	Nov.29.2018



(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		482.4 MHz	482.4 MHz
Insertion Loss		Typ. 6.5 dB	5.35 dB
-3 dB Bandwidth		Typ. 7 MHz	8.8 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 63 dBc	73 dBc
	Fo + 50 MHz	Typ. 56 dBc	66 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	19.5 dB
Ripple		< 1 dB	dB
Impedance		In / Out : 50 Ω	In / Out : 50 Ω

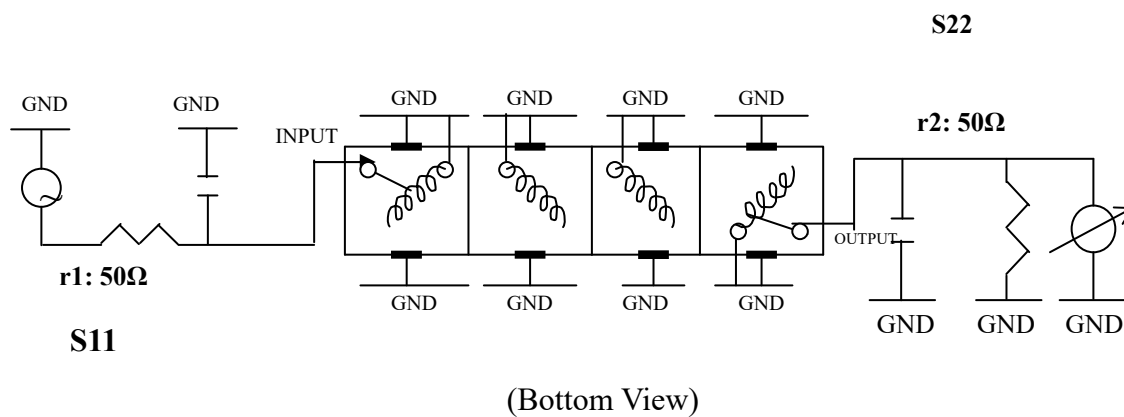
(4)Torque for Tuning Screw > 60gf · cm

(5)Temperature Condition:

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

(6)Input Power > 1Watt

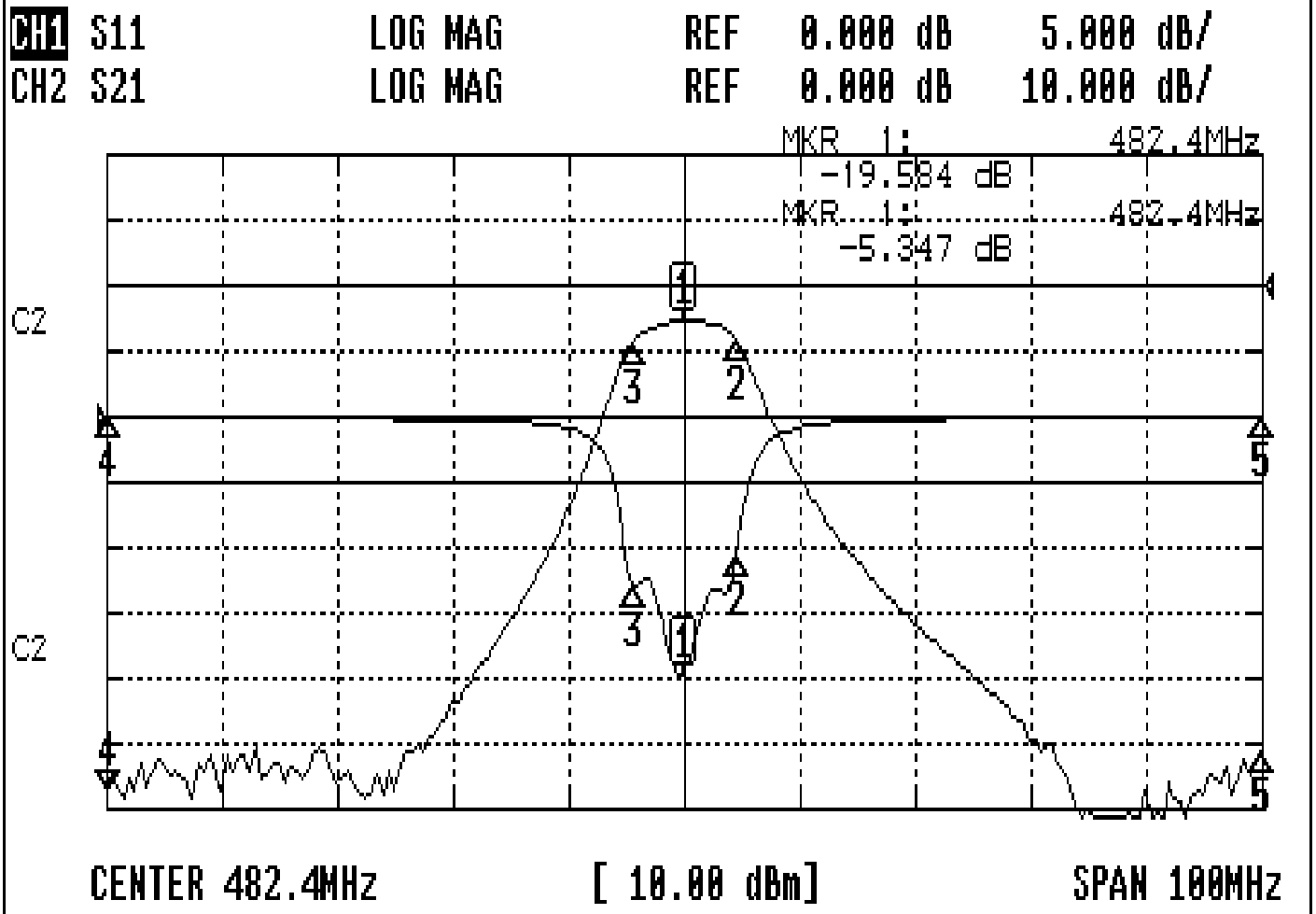
(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω/ by parallel with about(--)



Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	Z.Y.Wang	7H4S(4*4.65)(4.68) 7H046LB4.5 聚 2
TEMWELL CORPORATION			

Performance-TF64857A-482.4M

201812015CD



CH1 MARKER LIST

1:	482.400MHz	-19.584	dB
2:	486.958MHz	-10.537	dB
3:	478.100MHz	-13.006	dB
4:	432.400MHz	-0.073	dB
5:	532.400MHz	-0.049	dB
6:			
7:			
8:			
9:			
10:			

CH2 MARKER LIST

1:	482.400MHz	-5.352	dB
2:	486.958MHz	-10.537	dB
3:	478.100MHz	-10.357	dB
4:	432.400MHz	-70.815	dB
5:	532.400MHz	-71.722	dB
6:			
7:			
8:			
9:			
10:			