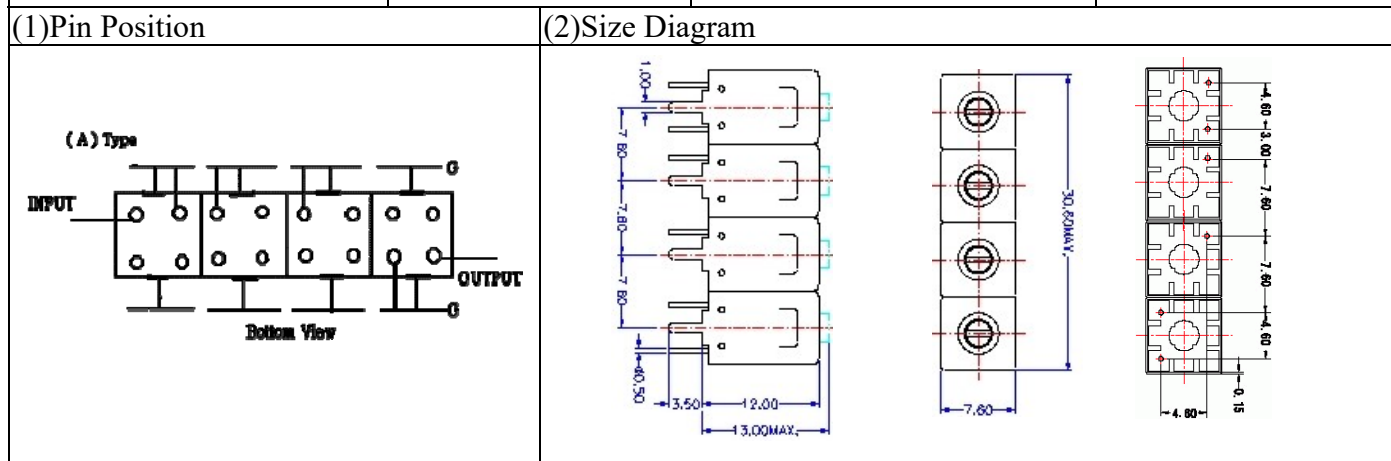


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF64725A-460M
Approval No. /dated	201802052CD	Temwell's Print Name	64725A 460M
Work Instruction No.	201802052CD	Date	Mar.19.2018



(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		460 MHz	460 MHz
Insertion Loss		Typ. 10 dB	8.75 dB
-3 dB Bandwidth		Typ. 2 MHz	5.6 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 62 dBc	67 dBc
	Fo + 50 MHz	Typ. 57 dBc	62 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	19.4 dB
Ripple		< 1 dB	dB
Impedance		In / Out : 50 Ω	In / Out : 50 Ω

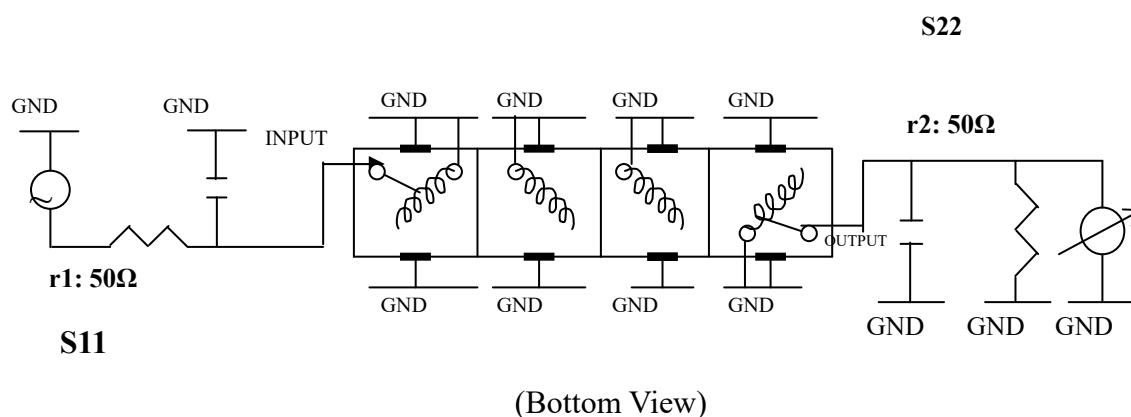
(4)Torque for Tuning Screw > 60gf • cm

(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 C.Y.Chang	Supervisor C.K.Chang	Designer Y.C.Kuo	Aperture size 7H4S(4*4.65)(4.68) 7H046LB4.3 聚 3
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TEMWELL CORPORATION

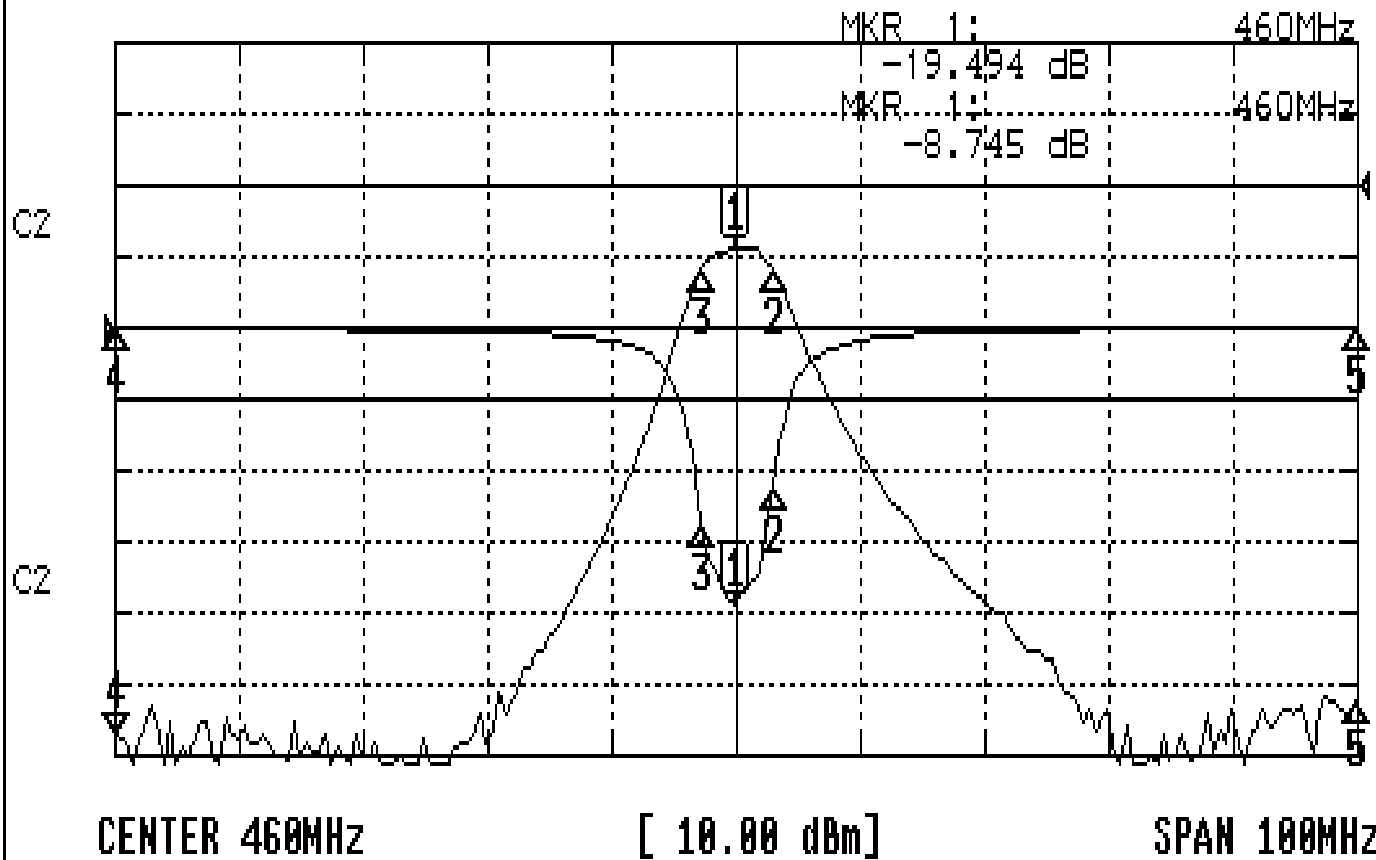
TEMWELL Form10-7H4A Vision D

RP (Y.C.K)

Performance-TF64725A-460M

201802052CD

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:	460.000MHz	-19.494	dB
2:	463.000MHz	-11.130	dB
3:	457.333MHz	-14.060	dB
4:	410.000MHz	-0.106	dB
5:	510.000MHz	-0.074	dB

CH2 MARKER LIST

1:	460.000MHz	-8.751	dB
2:	463.000MHz	-11.725	dB
3:	457.333MHz	-11.805	dB
4:	410.000MHz	-76.040	dB
5:	510.000MHz	-71.224	dB