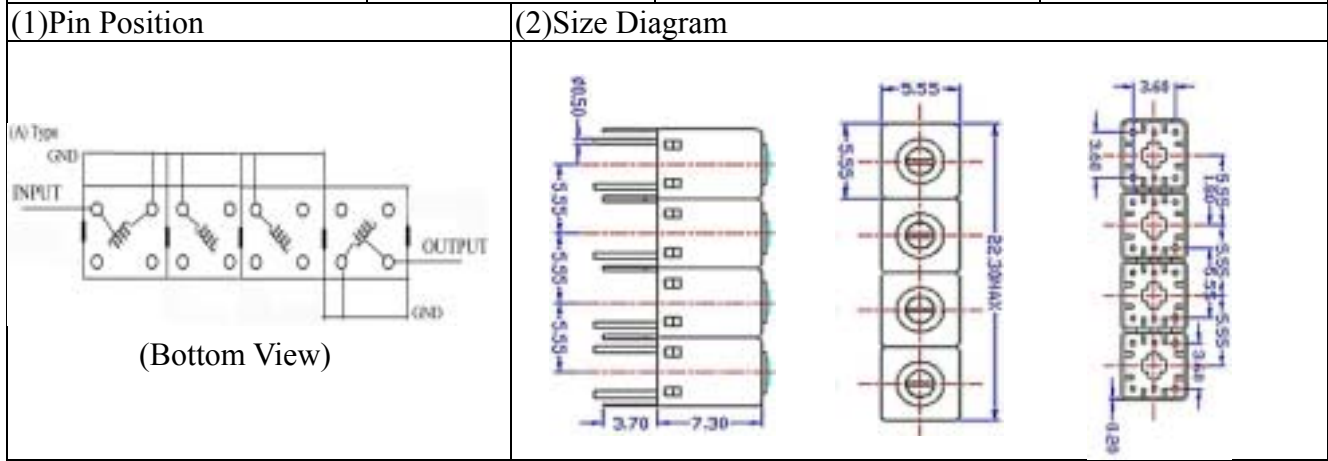


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFR4638A-460M
Approval No. /dated		Temwell's Print Name.	4639F 480M
Work Instruction No.	201302030C	Date	Oct.30.2013



(3)Electric Charasteric

Item	Specify	
Center Freq.(Fo ) +/- 0.5 %	460	MHz
Insertion Loss	Typ. 5.5	dB
-3 dB Bandwidth	Typ. 15	MHz
Sensitivity (Attenuation )	Fo -30 MHz	Typ. 43 dBc
	Fo +30 MHz	Typ. 36 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12	dB
Ripple	< 1	dB
Impedance	In / Out : 50 Ω	

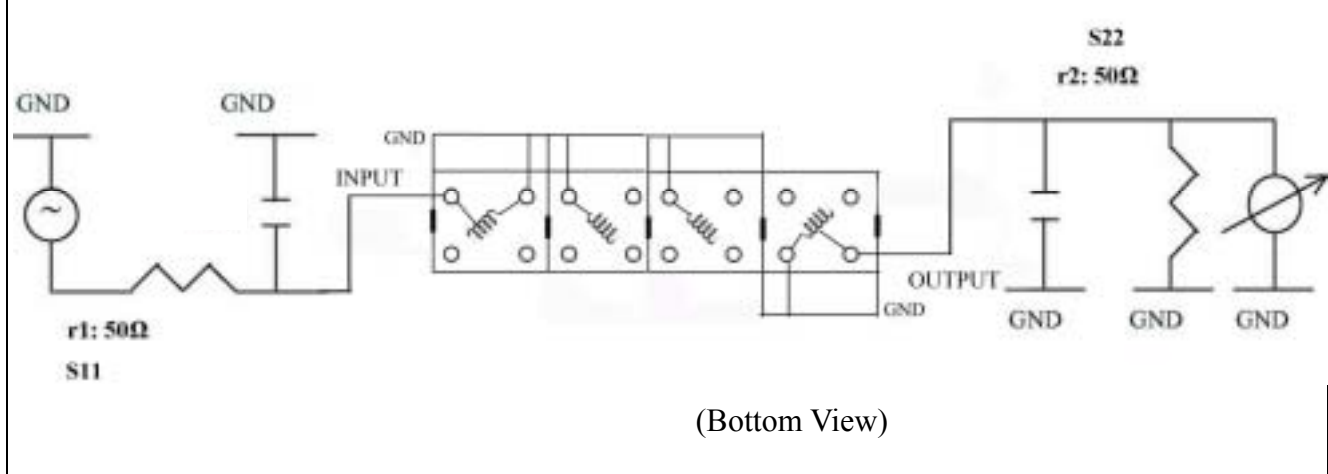
(4)Torque for Tuning Screw > 60gf cm

(5)Temperature Condition:

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

(6)Input Power > 0.5Watt

(7)Measuring Circuit: Easy to match Impedance S11/S22 50Ω/75Ω by parallel with about(--)/ (--).

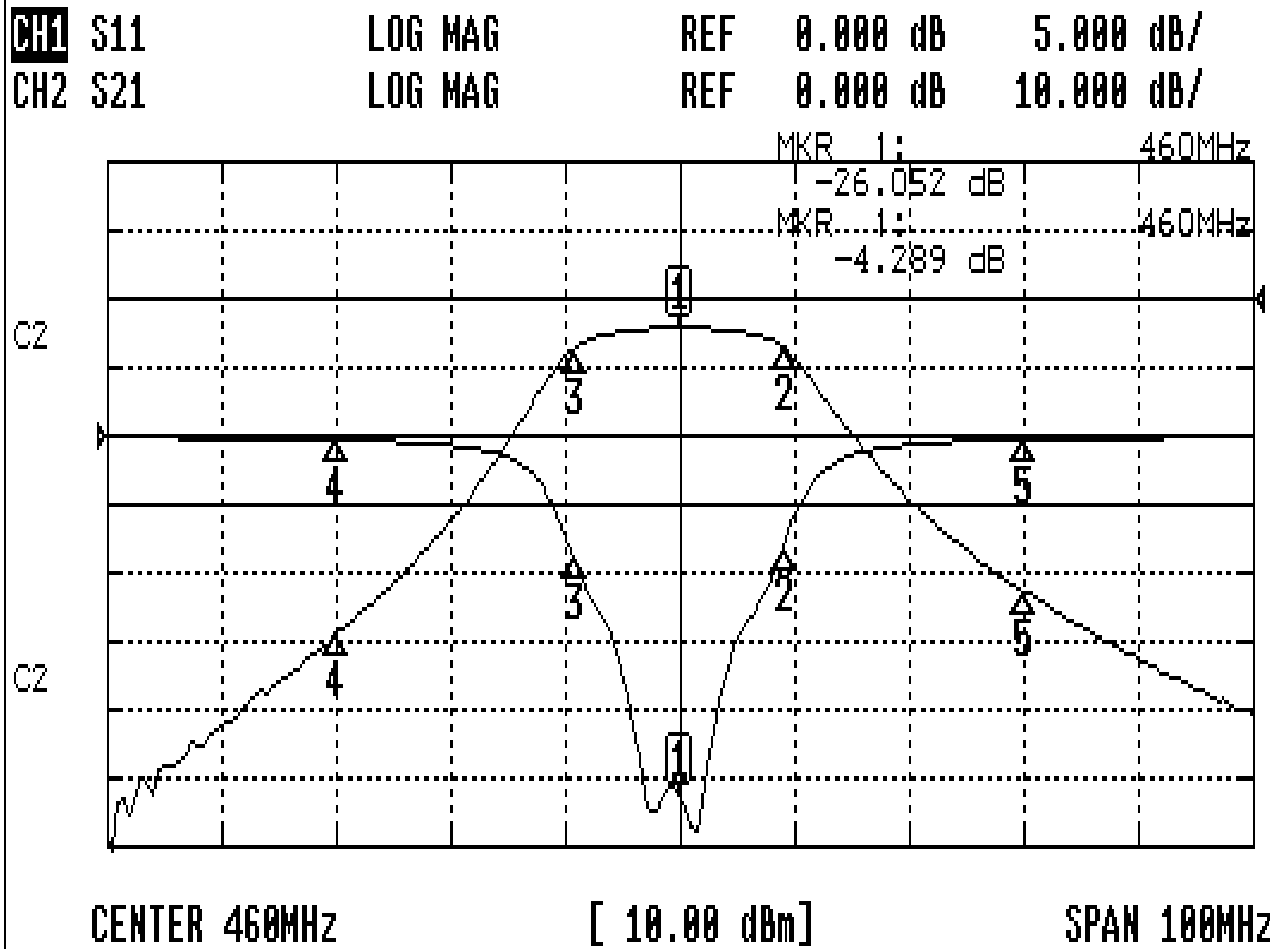


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.Ko.Chang	5R4S(3.8*4.2)(5.23) 5HW024RB3

TEMWELL CORPORATION

# Performance-TFR4638A-460M

## 201302030C



### CH1 MARKER LIST

1:	460.000MHz	-26.081 dB
2:	469.083MHz	-8.042 dB
3:	450.833MHz	-9.140 dB
4:	430.000MHz	-0.299 dB
5:	490.000MHz	-0.274 dB

### CH2 MARKER LIST

1:	460.000MHz	-4.289 dB
2:	469.083MHz	-7.277 dB
3:	450.833MHz	-7.223 dB
4:	430.000MHz	-49.116 dB
5:	490.000MHz	-42.660 dB