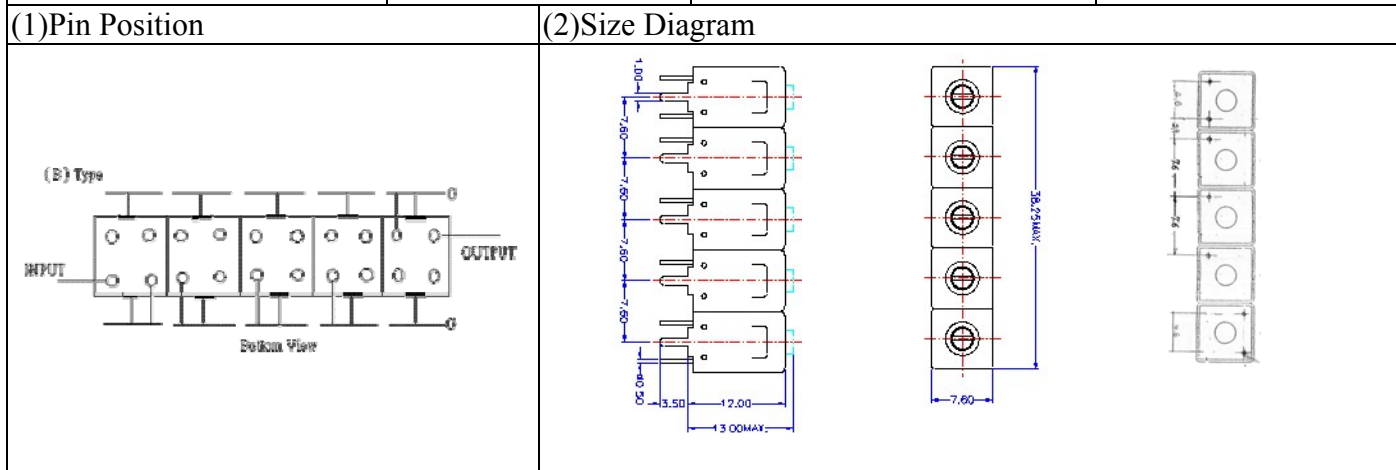


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70491B-476M
Approval No. /dated	201105077CD	Temwell's Print Name.	70491B 476M
Work Instruction No.	201105077CD	Date	Jun.28.2011



**(3) Electric Characteristic**

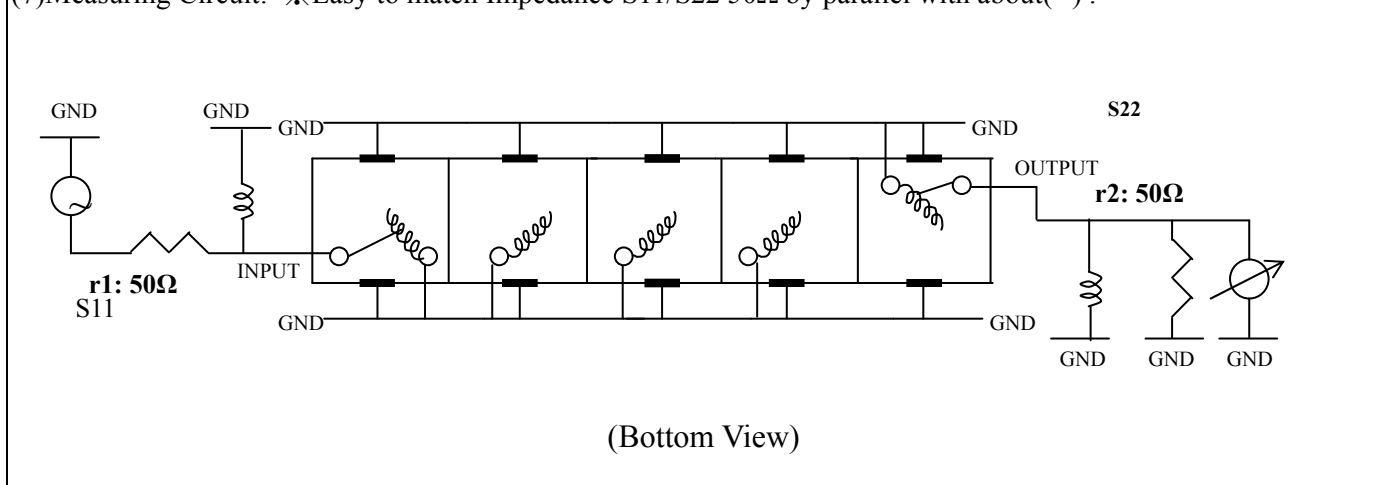
Item	Specify	Performance
Center Freq.(Fo ) +/- 0.5 %	476 MHz	476 MHz
Insertion Loss	Typ. 4.0 dB	2.48 dB
-3 dB Bandwidth	Typ. 19 MHz	25.9 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 70 dBc
	Fo + 50 MHz	Typ. 48 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	29.0 dB
Ripple	< 1 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**

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

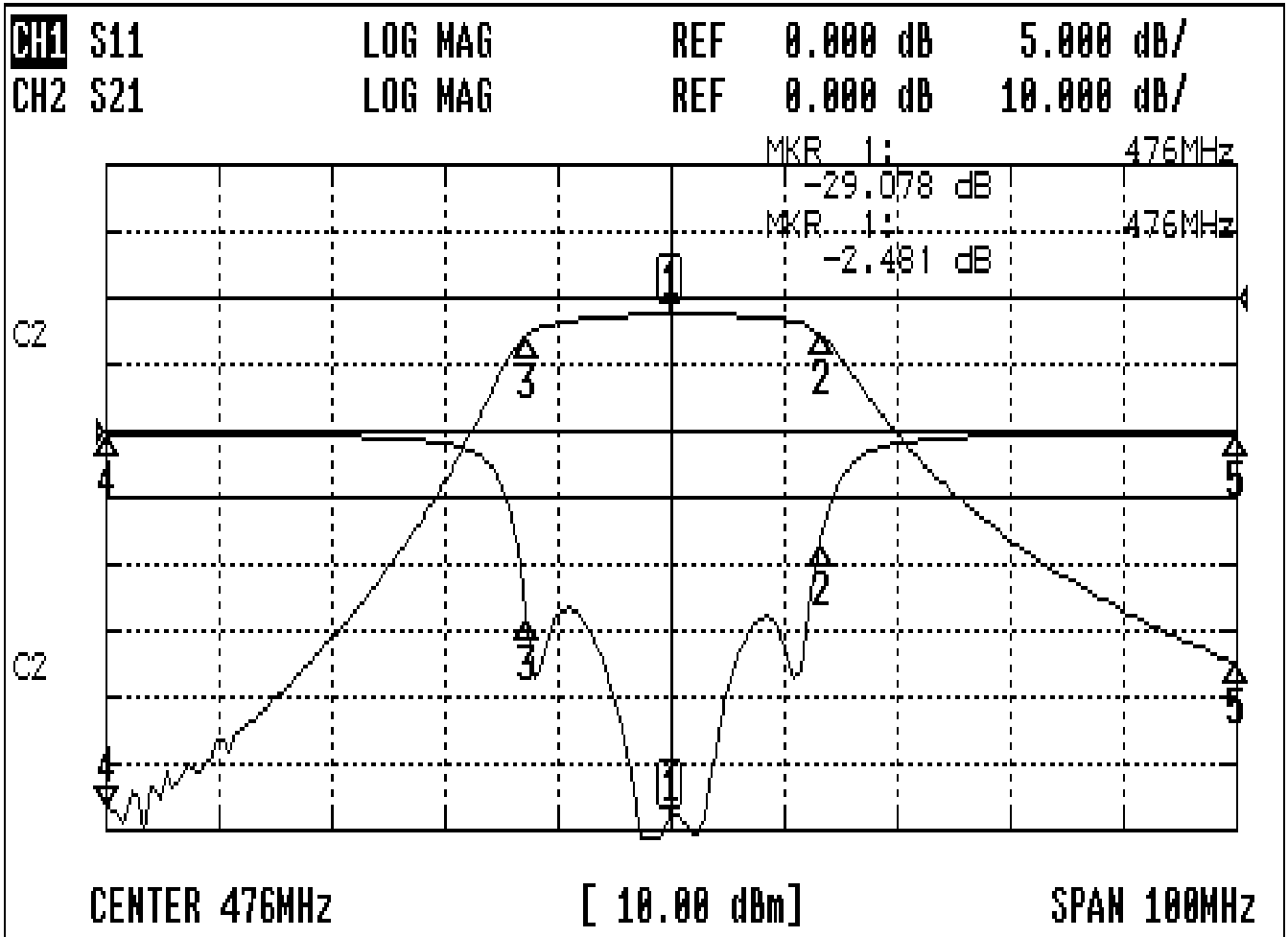


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	M.Y.Kang	7H5S(4*7.5)(7.55) 7H046LB4.3 聚 3

TEMWELL CORPORATION

# Performance-TV70491B-476M

## 201105077CD



### CH1 MARKER LIST

1	476.000MHz	-29.078	dB
2	489.250MHz	-8.342	dB
3	463.333MHz	-14.176	dB
4	426.000MHz	-0.190	dB
5	526.000MHz	-0.199	dB

### CH2 MARKER LIST

1	476.000MHz	-2.481	dB
2	489.250MHz	-1.400	dB
3	463.333MHz	-1.400	dB
4	426.000MHz	-0.000	dB
5	526.000MHz	-0.004	dB