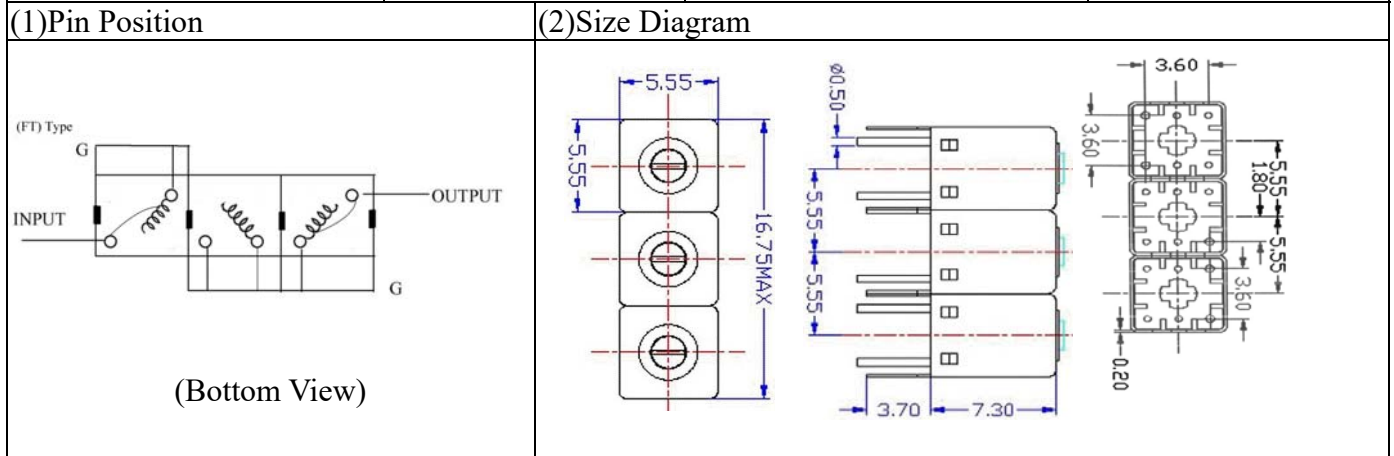


VHF UHF Helical Filter Specification Sheet

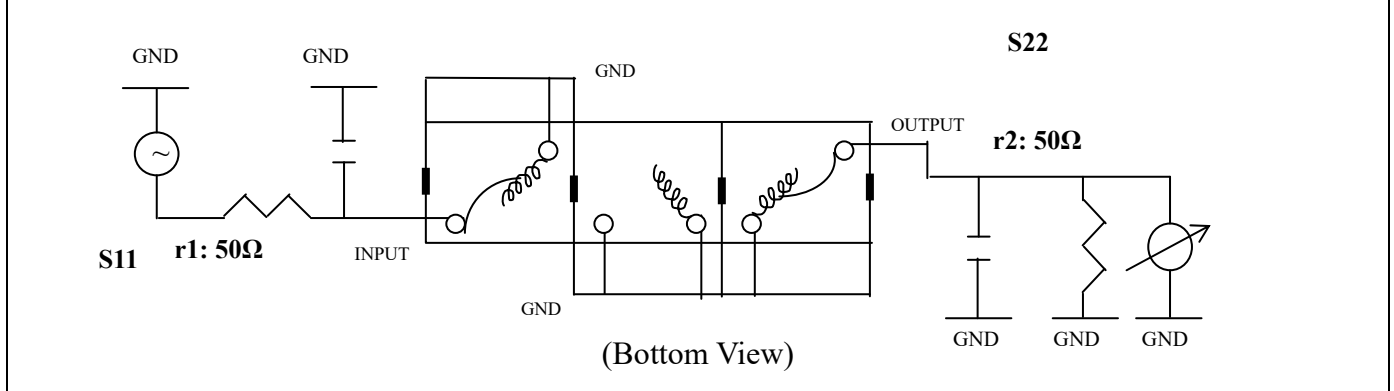
Customer Name		Temwell's Part No.	TTR3899FT-460M
Approval No. /dated		Temwell's Print Name	3899FT 460M
Work Instruction No.	201501049A	Date	Mar.6.2015



(3) Electric Characteristic

Item	Specify
Center Freq.(Fo) +/- 0.5 %	460 MHz
Insertion Loss	Typ. 3.0 dB
-3 dB Bandwidth	Typ. 22 MHz
Sensitivity (Attenuation)	Fo - 50 MHz Typ. 25 dB
	Fo + 50 MHz Typ. 28 dB
	Fo - ()MHz Typ. dB
	Fo +()MHz Typ. dB
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°C ~ +60°C
Storage Temperature	-20°C ~ +70°C
(6) Input Power	> 0.5Watt

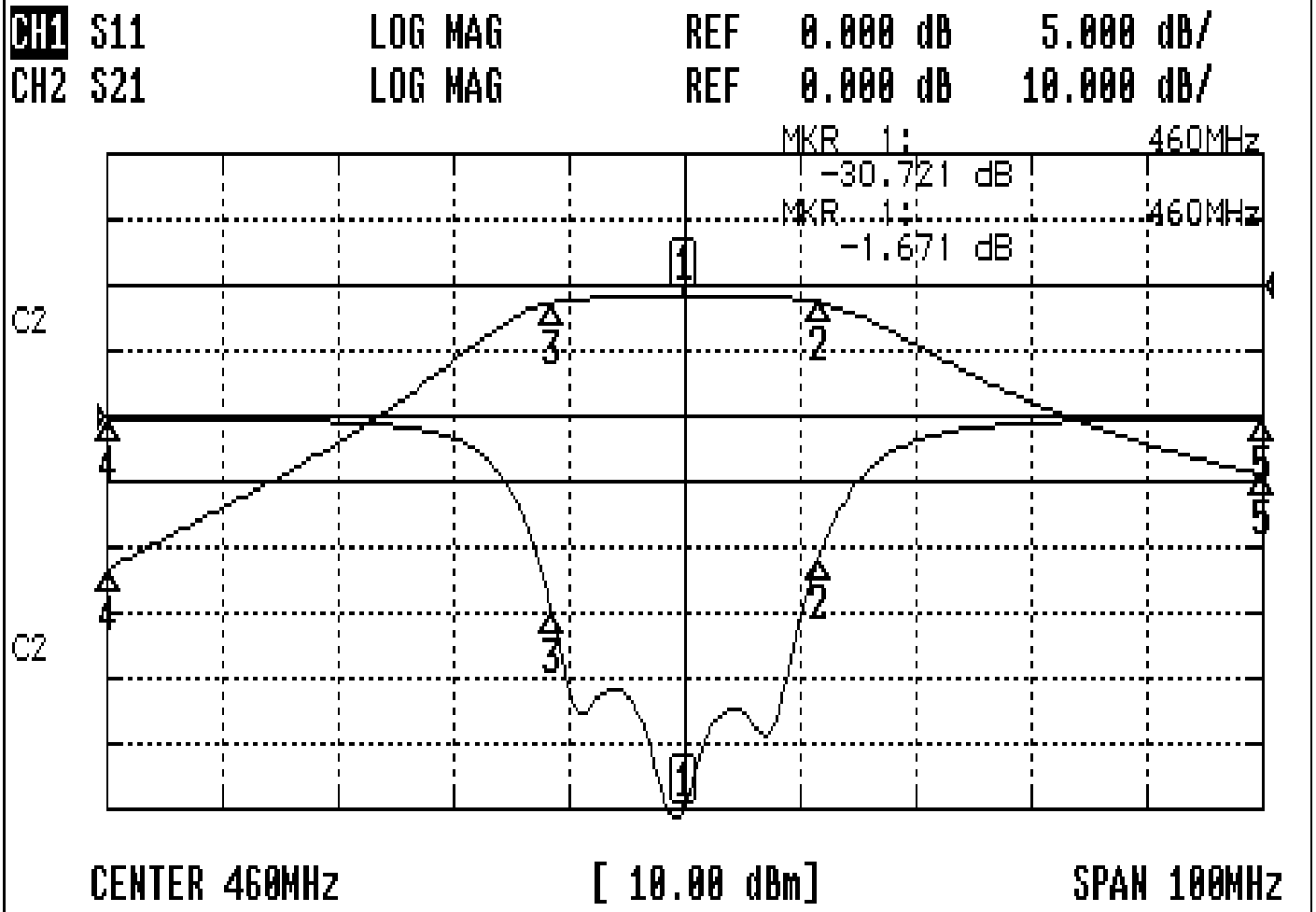
(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(--).



Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	P.H.Chiang	5R3S(3.8*3.65)(3.68) 5HW024LB3.6

Performance-TTR3899FT-460M

201501049A



CH1 MARKER LIST

1:	460.000MHz	-30.703 dB
2:	471.666MHz	-10.895 dB
3:	448.583MHz	-14.895 dB
4:	410.000MHz	-0.190 dB
5:	510.000MHz	-0.203 dB
6:		
7:		
8:		
9:		
10:		

CH2 MARKER LIST

1:	460.000MHz	-1.671 dB
2:	471.666MHz	-2.663 dB
3:	448.583MHz	-2.667 dB
4:	410.000MHz	-43.447 dB
5:	510.000MHz	-28.882 dB
6:		
7:		
8:		
9:		
10:		