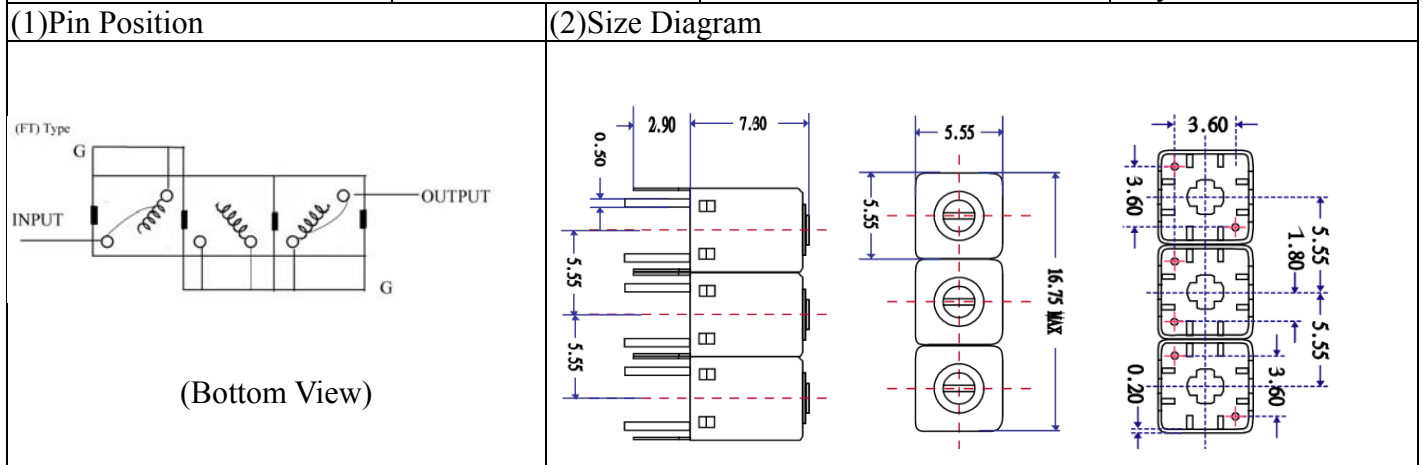


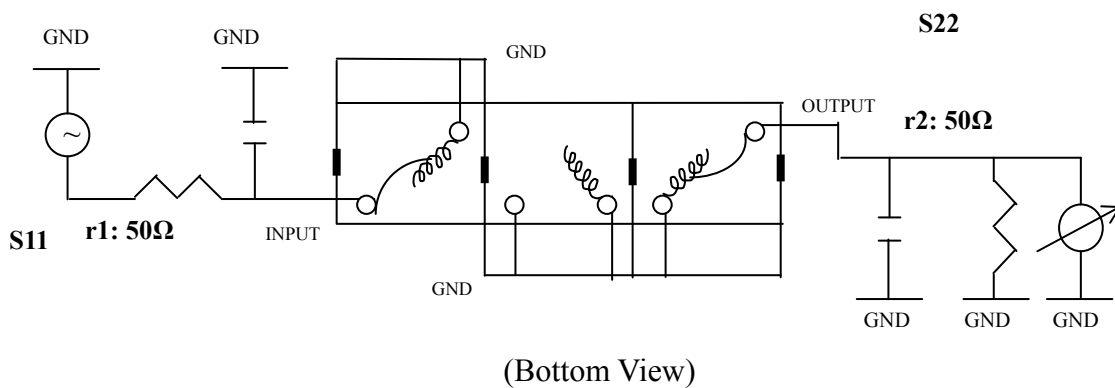
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTR3891FT-500M
Approval No. /dated	201505123CD	Temwell's Print Name	3891FT 500M
Work Instruction No.	201505123CD	Date	May.10.2016



(3) Electric Characteristic					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		500 MHz		500 MHz	
Insertion Loss		Typ. 3.5 dB		2.40 dB	
-3 dB Bandwidth		Typ. 20 MHz		25.1 MHz	
Sensitivity (Attenuation)	Fo -50 MHz	Typ. 45 dBc		57 dBc	
	Fo +50 MHz	Typ. 25 dBc		43 dBc	
	Fo - ()MHz	Typ. dBc		dBc	
	Fo +()MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		26.1 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		> 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	C.S.Chang	5R3S(3.8*4.65)(5.52) 5HW024LB3

TEMWELL CORPORATION

TEMWELL

Form10-5R3FT Vision D

RP(C.S.C)

Performance-TTR3891FT-500M

201505123CD

