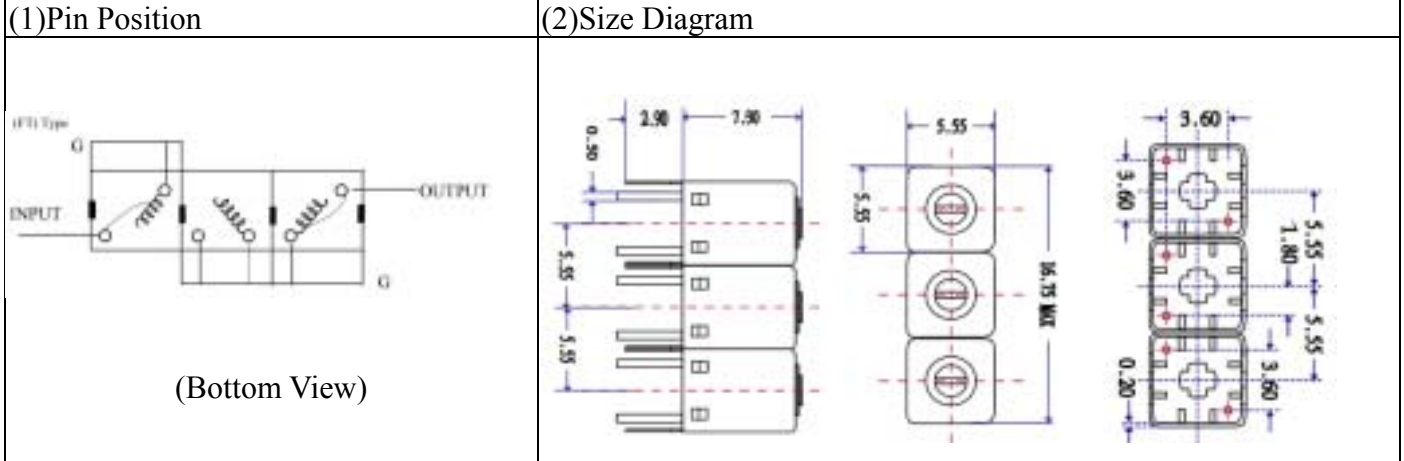


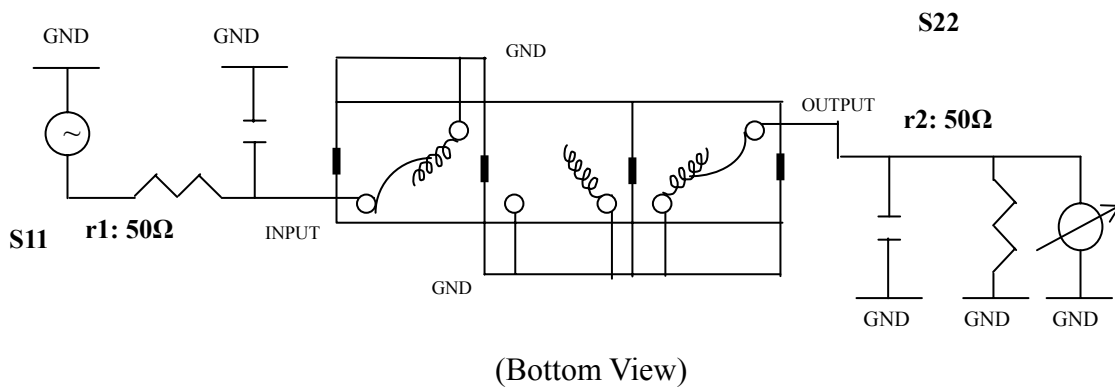
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTR3885FT-407M
Approval No. /dated	201505121CD	Temwell's Print Name	3885FT 407M
Work Instruction No.	201505121CD	Date	May.04.2016



(3)Electric Chararistic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		407 MHz	407 MHz
Insertion Loss		Typ. 3.0 dB	2.16 dB
-3 dB Bandwidth		Typ. 21 MHz	24.2 MHz
Sensitivity (Attenuation)	Fo -50 MHz	Typ. 43 dBc	48 dBc
	Fo +50 MHz	Typ. 28 dBc	30 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	23.9 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 ~ +60	
Storage Temperature		-20 ~ +70	
(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*3.65)(4.72) 5HW024LB3.6

TEMWELL CORPORATION

Performance-TTR3885FT-407M

201505121CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]

