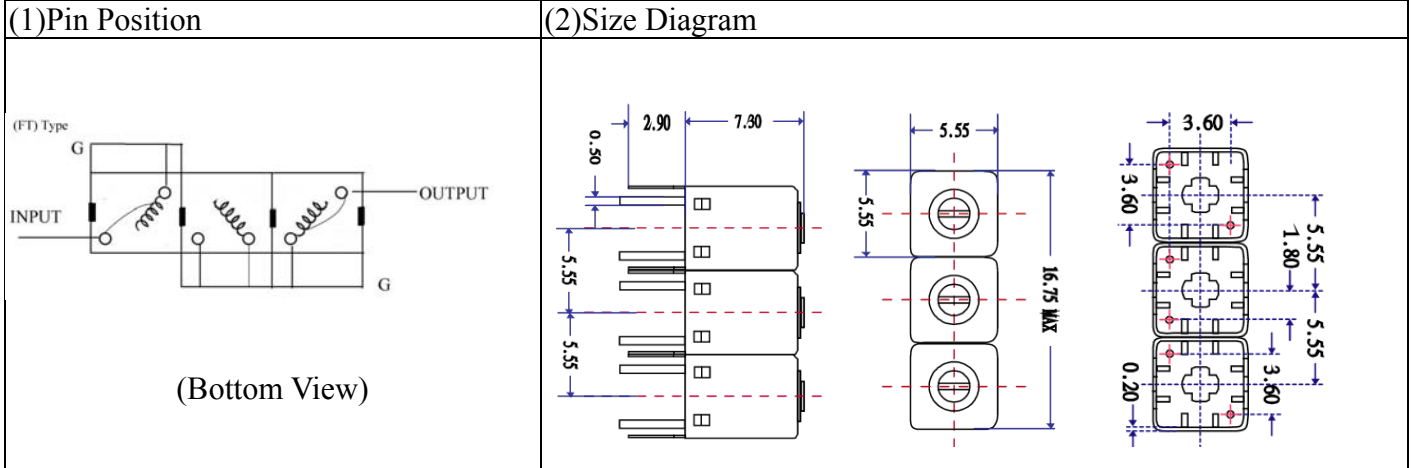


VHF UHF Helical Filter Specification Sheet

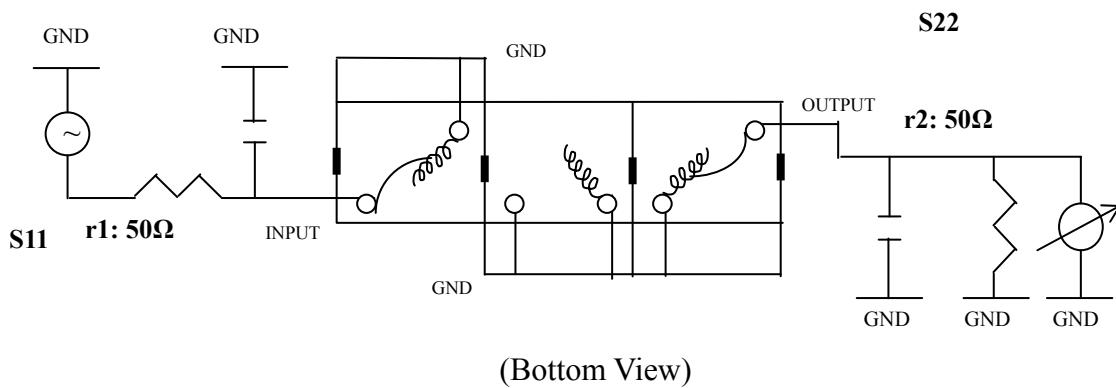
Customer Name		Temwell's Part No.	TTR3877FT-429M
Approval No. /dated	201505120CD	Temwell's Print Name	3877FT 429M
Work Instruction No.	201505120CD	Date	May.05.2016



(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	429 MHz	429 MHz
Insertion Loss	Typ. 3.0 dB	1.74 dB
-3 dB Bandwidth	Typ. 22 MHz	25.9 MHz
Sensitivity (Attenuation)	Fo -50 MHz	Typ. 40 dBc
	Fo +50 MHz	Typ. 25 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	29.9 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°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*3.65)(4.72) 5HW024LB3.6

TEMWELL CORPORATION

Performance-TTR3877FT-429M

201505120CD

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

