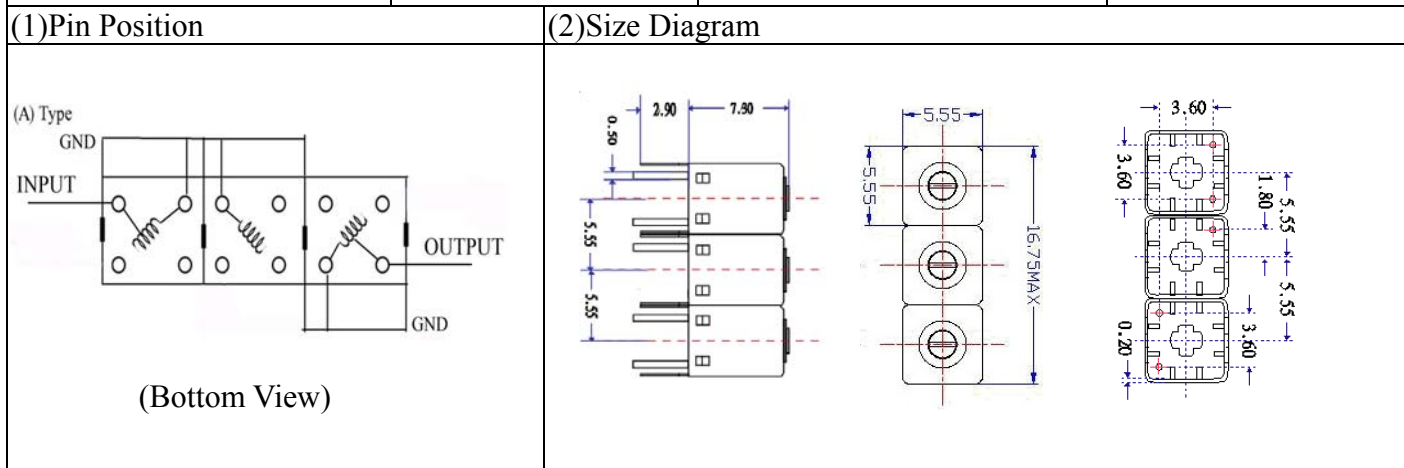


VHF UHF Helical Filter Specification Sheet

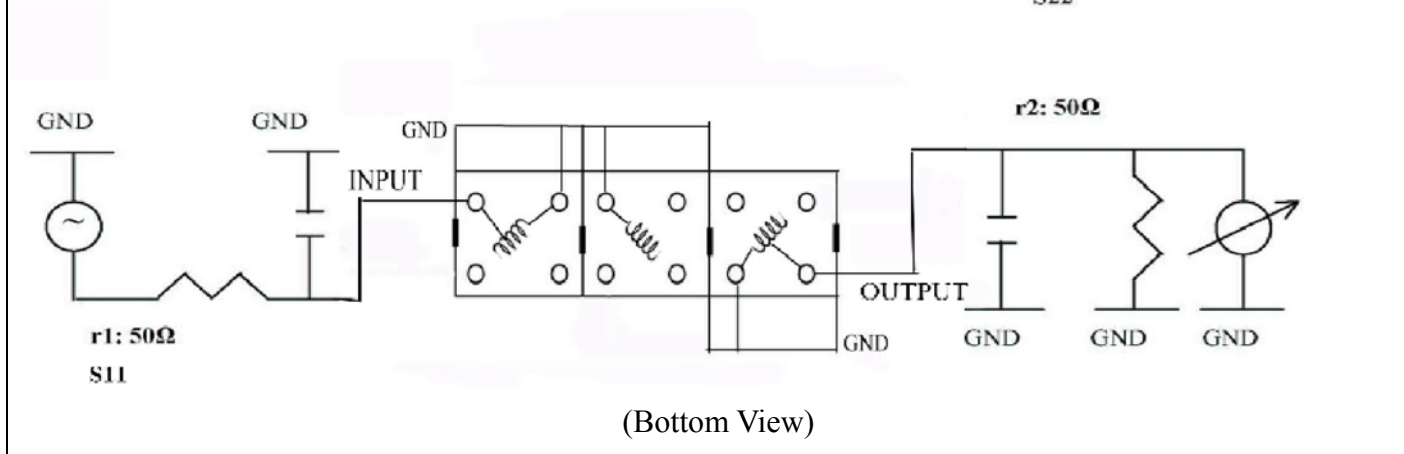
Customer Name		Temwell's Part No.	TTR3622A-275M
Approval No. /dated	201505064CD	Temwell's Print Name.	3622A 275M
Work Instruction No.	201505064CD	Date	Jun.18.2015



(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	275 MHz	275 MHz
Insertion Loss	Typ. 5.0 dB	3.25 dB
-3 dB Bandwidth	Typ. 13 MHz	16.5 MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 34 dBc
	Fo + 30 MHz	Typ. 29 dBc
	Fo - ()MHz	Typ. dBc
	Fo + ()MHz	Typ. dBc
Return Loss	Min. 12 dB	21.9 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	>0.5 Watt	

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



Approval C.Y.Chang	Supervisor C.K.Chang	Designer C.S.Chang	Aperture size 5R3S(3.8*4.65)(5.53 5HW00LB3
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TEMWELL CORPORATION

Performance-TTR3622A-275M

201505064CD

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

