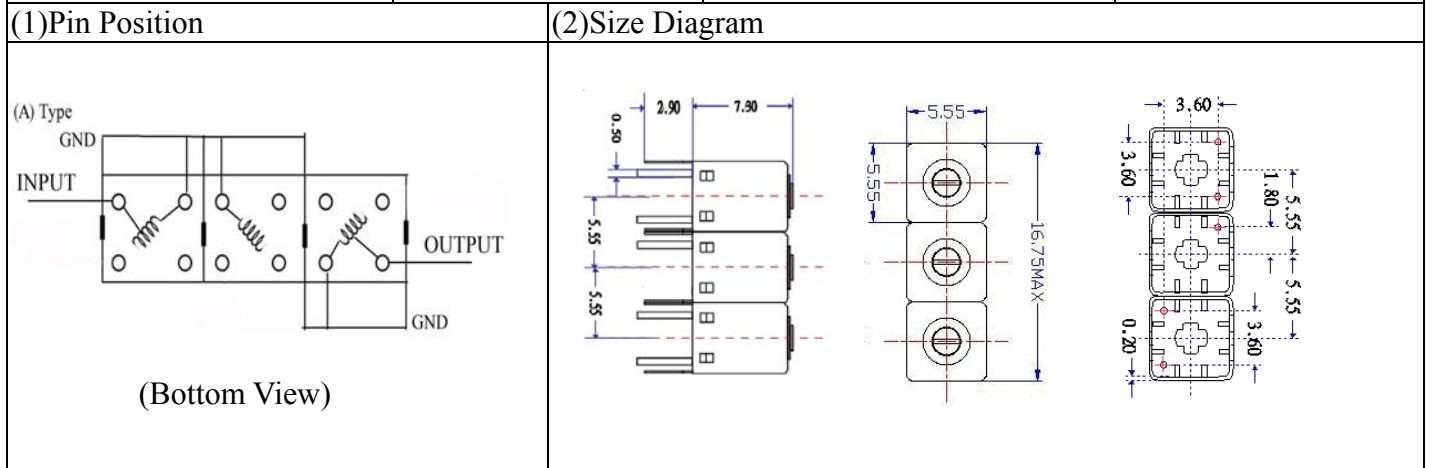


VHF UHF Helical Filter Specification Sheet

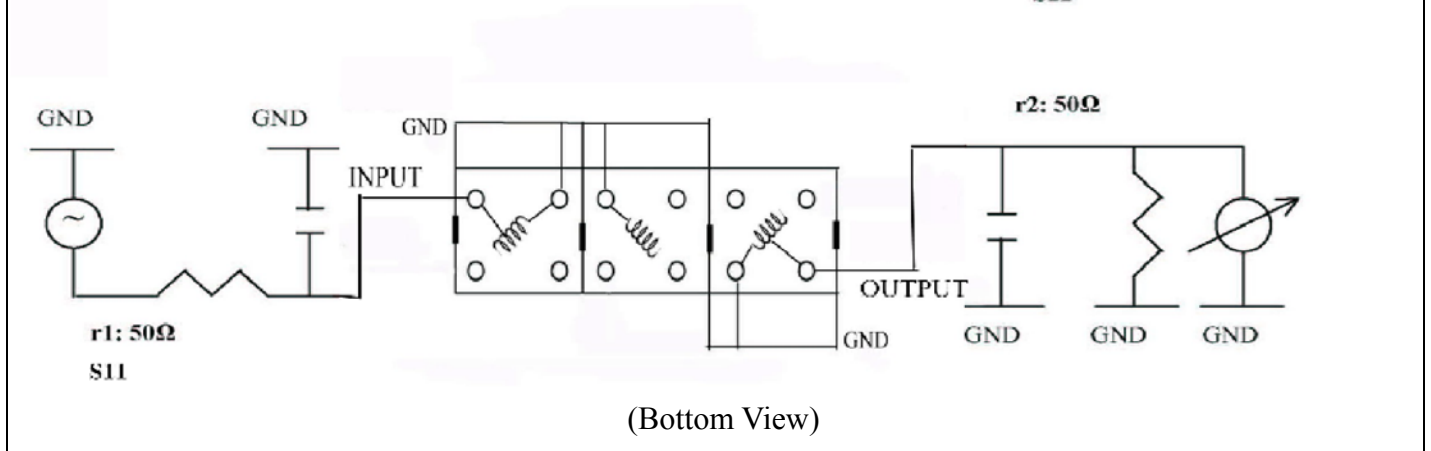
Customer Name		Temwell's Part No.	TTR3623A-275M
Approval No. /dated	201505065CD	Temwell's Print Name.	3623A 275M
Work Instruction No.	201505065CD	Date	Jun.18.2015



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	275 MHz	275	MHz
Insertion Loss	Typ. 6.0 dB	3.57	dB
-3 dB Bandwidth	Typ. 10 MHz	14.6	MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 49	dBc
	Fo + 50 MHz	Typ. 44	dBc
	Fo - ()MHz	Typ.	dBc
	Fo + ()MHz	Typ.	dBc
Return Loss	Min. 12 dB	25.3	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	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	5R3S(3.8*4.2)(5.21 5HW00LB3

TEMWELL CORPORATION

Performance-TTR3623A-275M

201505065CD

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

