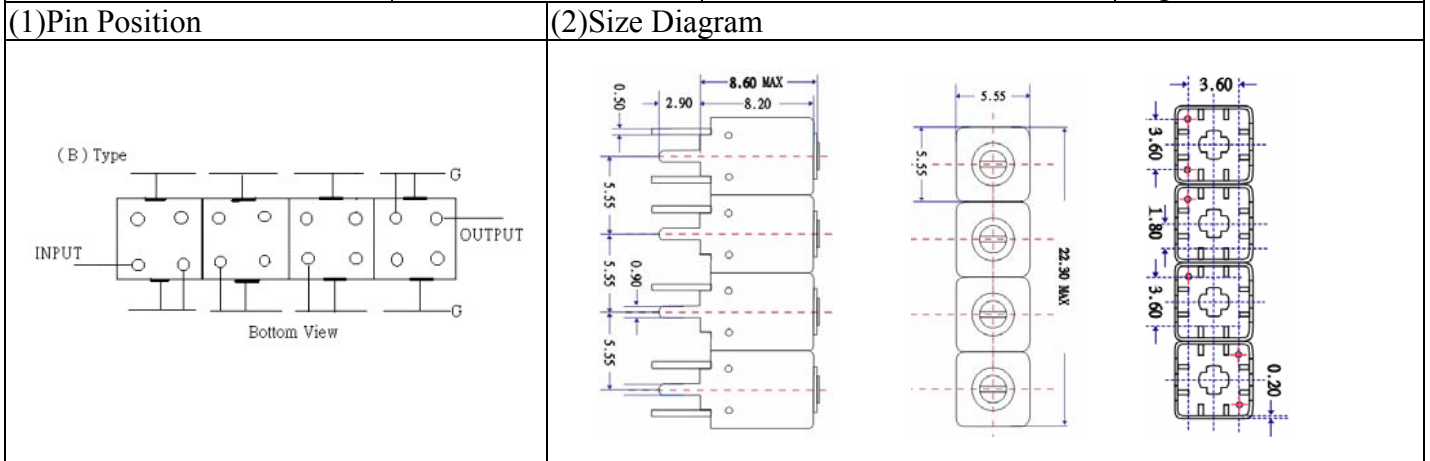


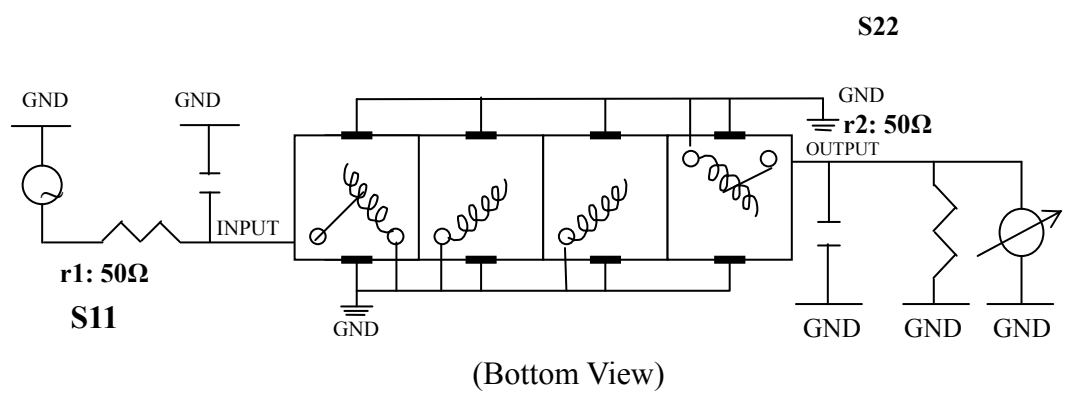
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4999B-2535M
Approval No. /dated		Temwell,s print Name	4999B 2535M
Work Instruction No.	201607043CD	Date	Aug.09.2016



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		2535 MHz	2535 MHz
Insertion Loss		Typ. 3.5 dB	2.61 dB
-3 dB Bandwidth		Typ. 153 MHz	168.7 MHz
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 35 dBc	40 dBc
	Fo + 200 MHz	Typ. 23 dBc	28 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	23.3 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		> 0.5Watt	

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



Approval C.Y.Chang	Supervisor C.K.Chang	Designer C.S.Chang	Aperture size 5W4S(3.8*5.1)(5.13) 5HW046RB3.2 (J1)
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Performance-TFW4999B-2535M

201607043CD

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

