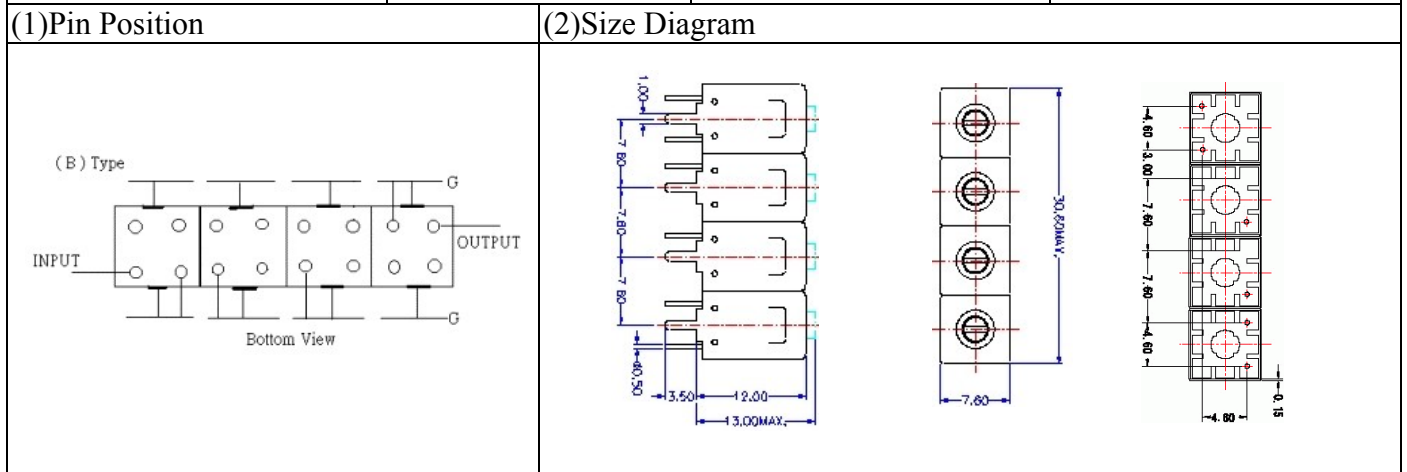


VHF UHF Helical Filter Specification Sheet

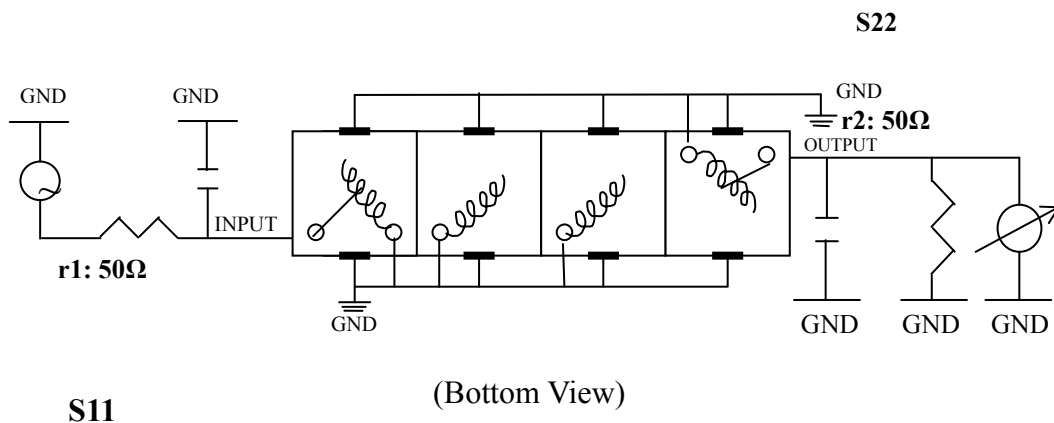
Customer Name		Temwell's Part No.	TF64494B-827.5M
Approval No. /dated		Temwell's Print Name.	64494B 827.5M
Work Instruction No.	201310085CD	Date	Oct.05.2013



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	827.5 MHz	827.5 MHz	
Insertion Loss	Typ. 8.0 dB	6.82 dB	
-3 dB Bandwidth	Typ. 6 MHz	11.0 MHz	
Sensitivity (Attenuation)	Fo - 15 MHz	Typ. 36 dB	39 dB
	Fo + 15 MHz	Typ. 30 dB	33 dB
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss	Min. 12 dB	17.2 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	> 1 Watt		

(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	7H4S(4*4.65)(4.72) 7H046RB4

TEMWELL CORPORATION

Performance-TF64494B-827.5M

201310085CD

