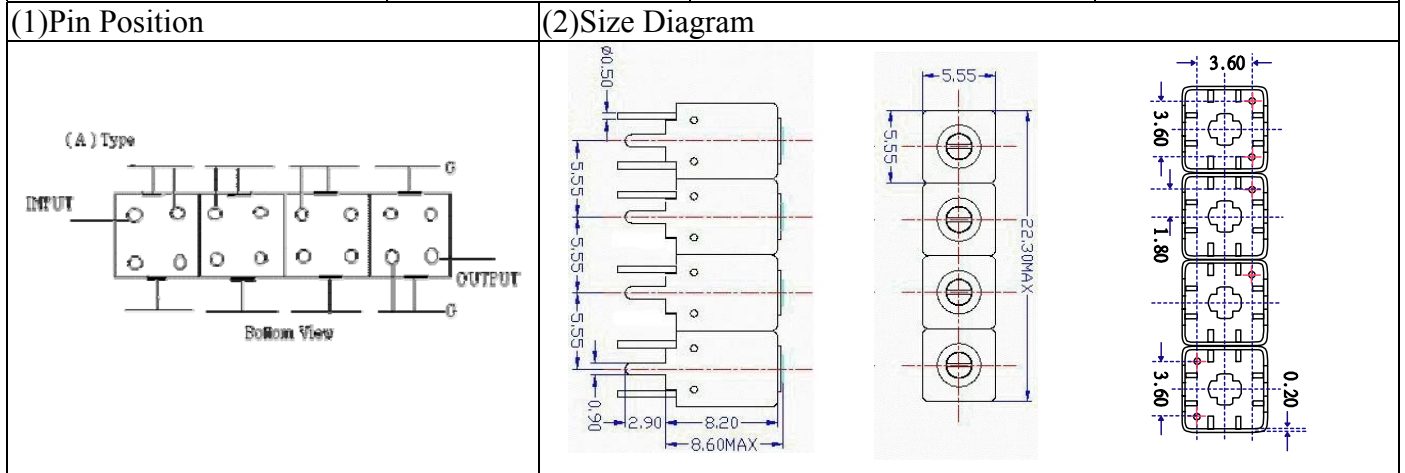


VHF UHF Helical Filter Specification Sheet

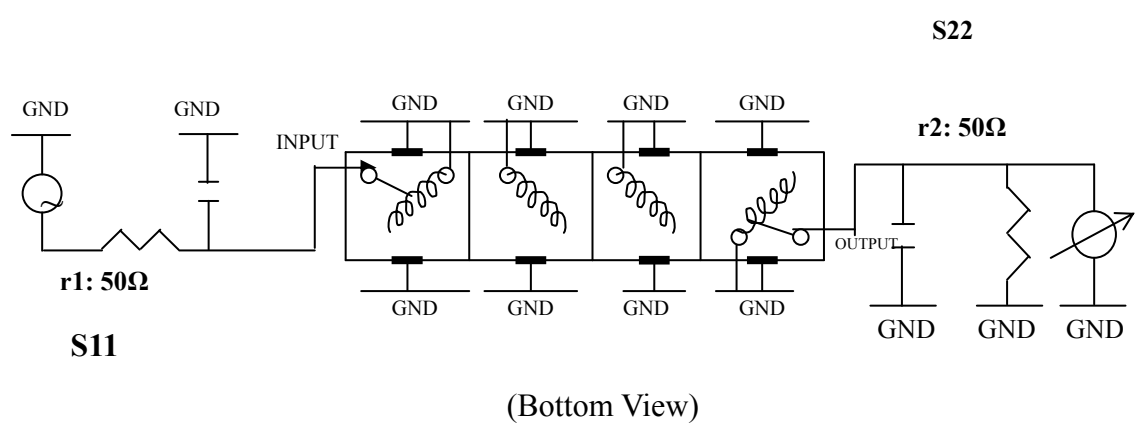
Customer Name		Temwell's Part No.	TFW4416A-229M
Approval No. /dated	201801028CD	Temwell,s print Name	4416A 229M
Work Instruction No.	201801028CD	Date	Jan.10.2018



(3)Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	229 MHz	229 MHz	
Insertion Loss	Typ. 5.0 dB	4.30 dB	
-3 dB Bandwidth	Typ. 10 MHz	14.4 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 70 dBc	81 dBc
	Fo + 50 MHz	Typ. 56 dBc	62 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	26.3 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	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	5W4S(3.8*5.1)(5.12) 5HW00LB3

TEMWELL CORPORATION

Performance-TFW4416A-229M

201801028CD

