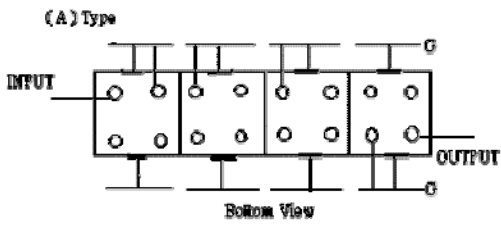
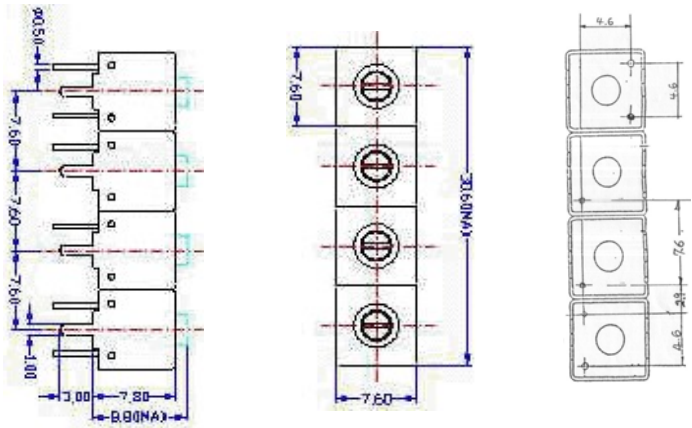


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFS4101A-614M
Approval No. /dated	20106002DC	Acceptable Specify Fo. Range	596~640MHz
Work Instruction No.	20106002DC	Date	2001.06.05

(1)Pin Position	(2)Size Diagram
 <p>(A) Type INPUT OUTPUT Bottom View</p>	

(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	614 MHz	614 MHz	
Insertion Loss	Typ. 5.5 dB	4.6 dB	
-3 dB Bandwidth	Typ. 13 MHz	19 MHz	
Sensitivity (Attenuation)	Fo - 70 MHz	Typ. 70 dBc	75 dBc
	Fo + 70 MHz	Typ. 65 dBc	70 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	18 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4)Torque for Tuning Screw	> 40 gf • cm		

(5)Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6)Input Power

> 1Watt			
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S4S(4*4.5) 7S046LB4

TEMWELL CORPORATION

