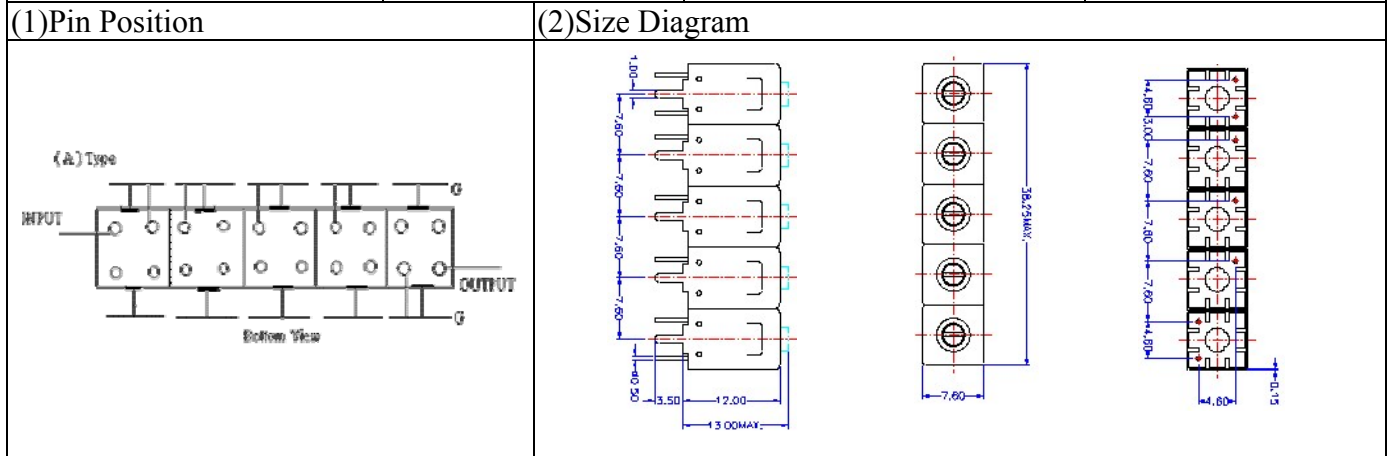


VHF UHF Helical Filter Specification Sheet

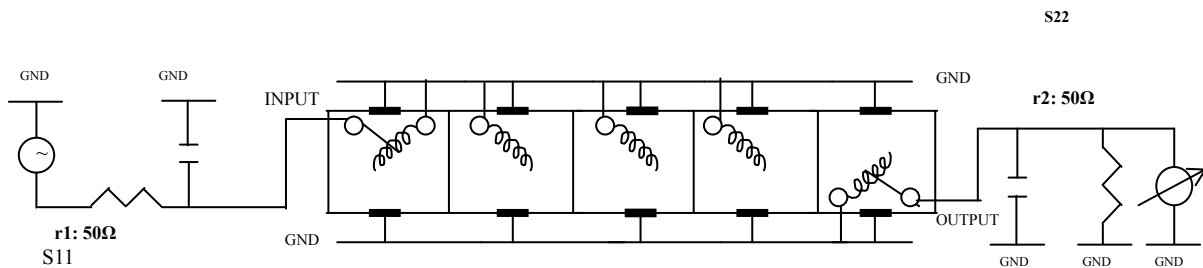
Customer Name		Temwell's Part No.	TV6515A-525M
Approval No. /dated		Temwell's Print Name.	6515A 525M
Work Instruction No.	201310039CD	Date	Oct.18.2013



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	525 MHz	525 MHz	
Insertion Loss	Typ. 3.5 dB	2.32 dB	
-3 dB Bandwidth	Typ. 28 MHz	30.7 MHz	
Sensitivity (Attenuation)	Fo - (30) MHz	Typ. 37 dBc	40 dBc
	Fo + (30) MHz	Typ. 27 dBc	30 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	19.4 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	> 1Watt		

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



(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	P.H.Chiang	7H5S-4*7.5 (7.53) 7H046RB4-J1
TEMWELL CORPORATION			

Performance-TV6515A-525M

201310039CD

