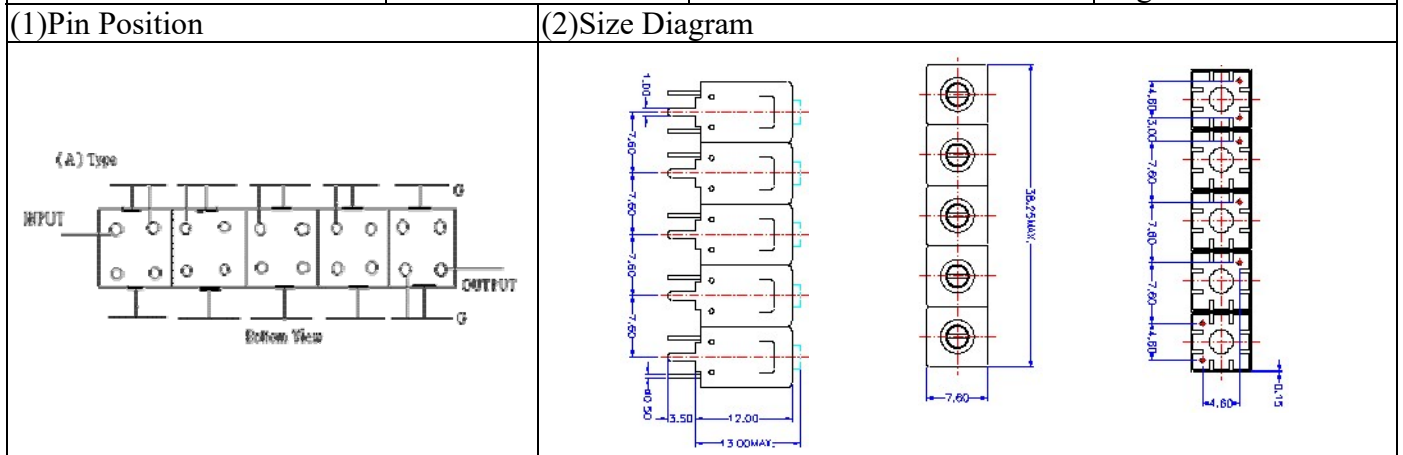


VHF UHF Helical Filter Specification Sheet

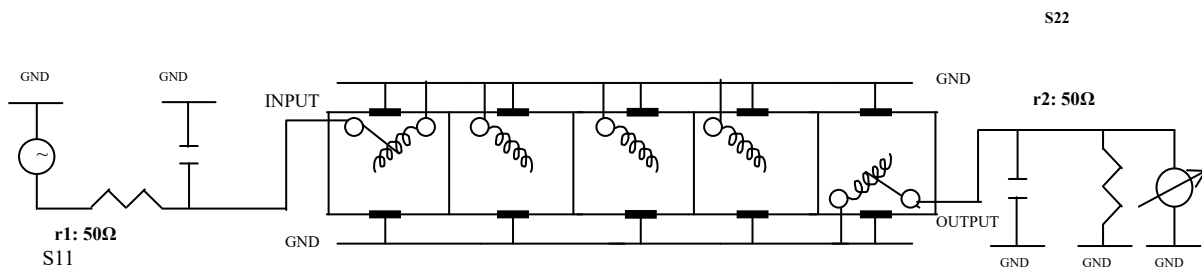
Customer Name		Temwell's Part No.	TV6589A-247.5M
Approval No. /dated	201808016CD	Temwell's Print Name.	6589A 247.5M
Work Instruction No.	201808016CD	Date	Aug.23.2018



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		247.5 MHz	247.5 MHz
Insertion Loss		Typ. 3.0 dB	2.25 dB
-3 dB Bandwidth		Typ. 18 MHz	23.6 MHz
Sensitivity (Attenuation)	Fo - 20 MHz	Typ. 29 dBc	32 dBc
	Fo +20 MHz	Typ. 21 dBc	24 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	19.9 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 C.Y.Chang	Supervisor C.K.Chang	Designer C.S.Chang	Aperture size 7H5S-4*6.5(6.54) 7H046LB5.5
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TEMWELL CORPORATION

Performance-TV6589A-247.5M

201808016CD

