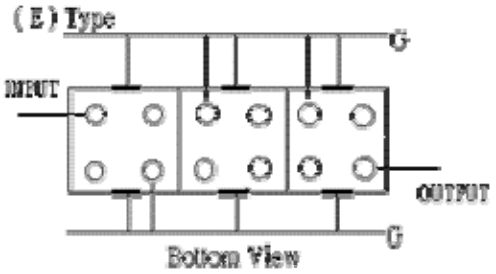
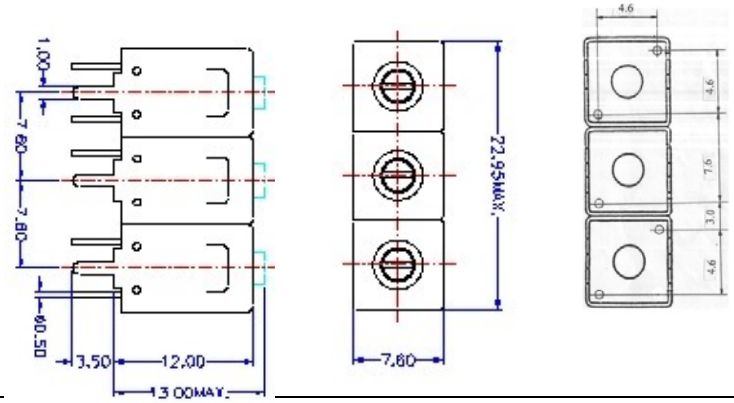
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67454E-308M
Approval No. /dated	20103015APR	Temwell's print name.	276~310M
Work Instruction No.	20103015DC	Date	Jul.26.2006

(1)Pin Position



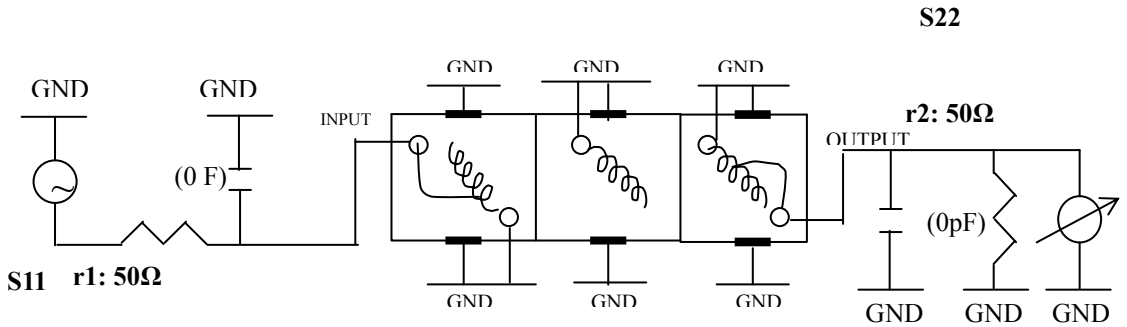
(2)Size Diagram



(3)Electric Charasteric

Item		Specify	Performance
Center Freq.(Fo) +/- 0.75 %		308 MHz	308 MHz
Tunable Range		308±4 MHz	308±4 MHz
Insertion Loss		Typ. 3.0 dB	2.30 dB
-1 dB Bandwidth		Typ. 9 MHz	11.2 MHz
-3 dB Bandwidth		Typ. 10 MHz	13 MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 40 dBc	43 dBc
	Fo + 30 MHz	Typ. 37 dBc	40 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	22..3 dB
Ripple		< 1 dB	dB
Impedance		In / Out : 50 Ω	In / Out : 50 Ω
(4)Torque for Tuning Screw		> 100gf • cm	
(5)Temperature Condition:			
Operating Temperature		-30℃ ~+70℃	
Storage Temperature		-30℃ ~+80℃	
(6)Input Power		> 1Watt	

(7)Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω/ by parallel with about(0 pF) / (0 pF).



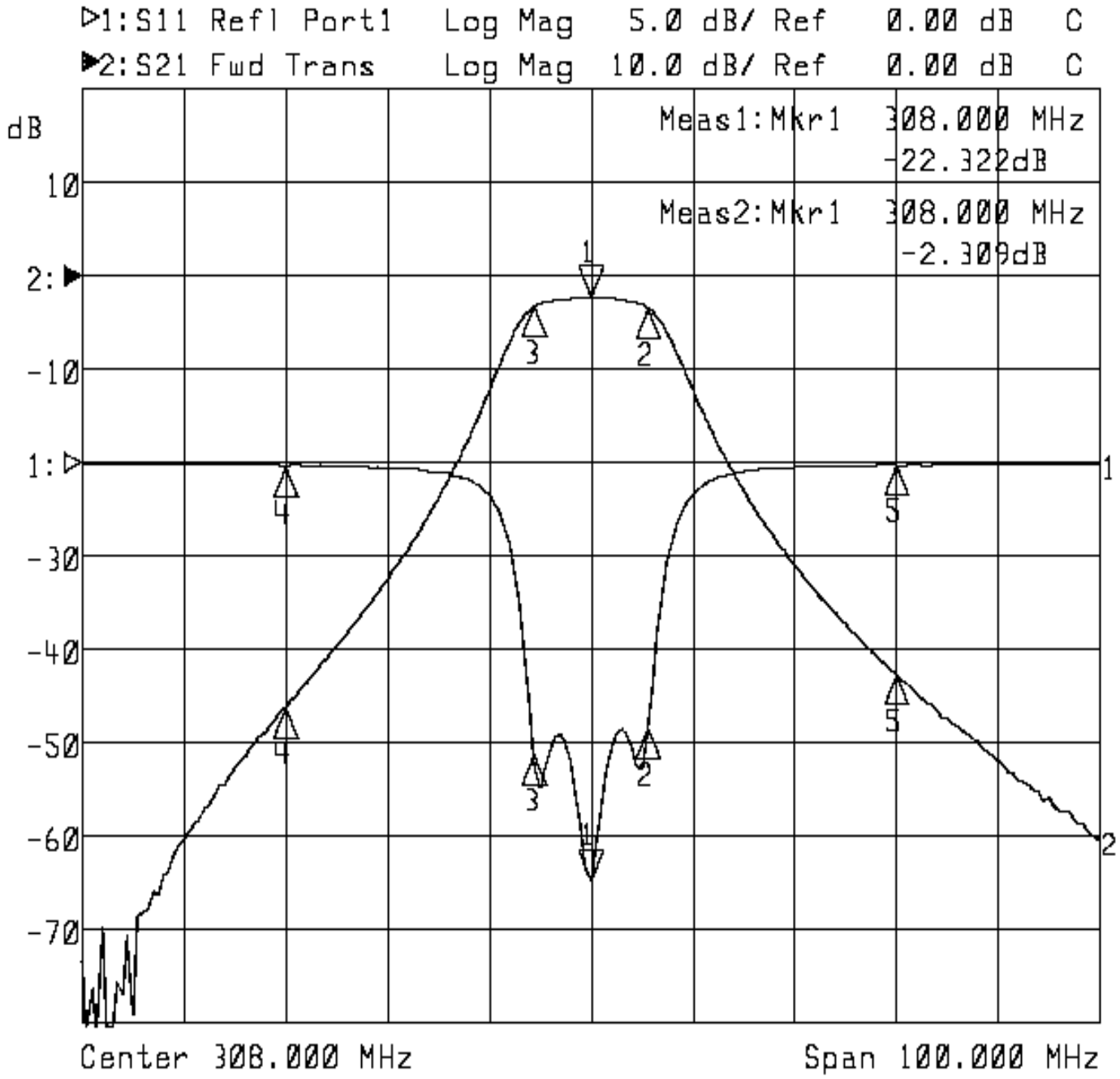
(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	W.W.Wang	7H3(4*6.5) 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TT67454E-308M

20103015DC



1:Mkr (MHz)		dB
1›	308.0000	-22.322
2:	313.6000	-14.188
3:	302.4000	-15.633
4:	278.0000	-0.213
5:	338.0000	-0.145

2:Mkr (MHz)		dB
1›	308.0000	-2.309
2:	313.6000	-3.383
3:	302.4000	-3.303
4:	278.0000	-46.161
5:	338.0000	-42.732