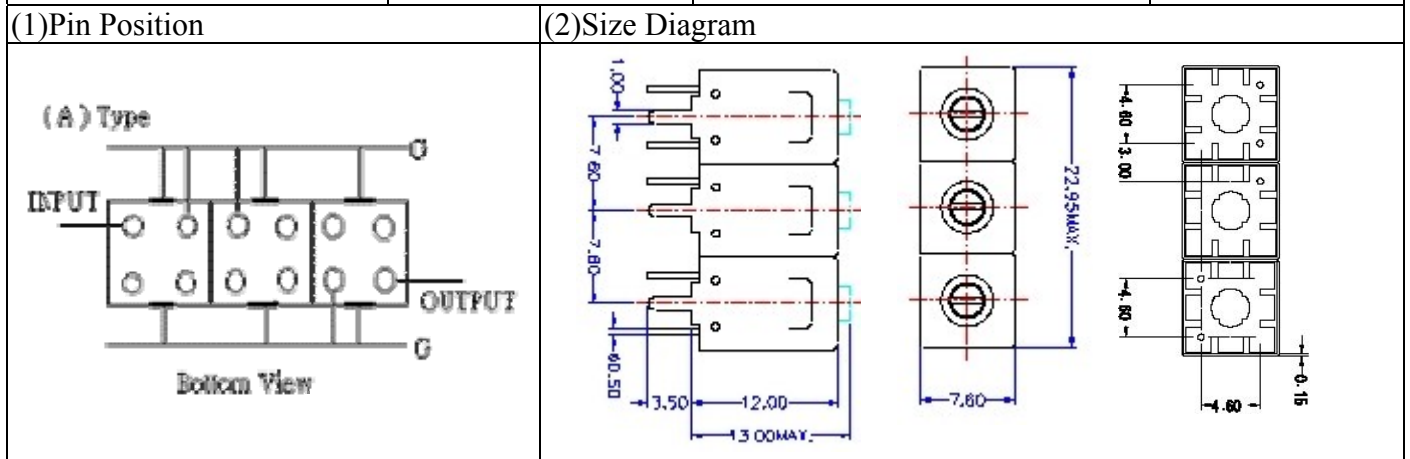
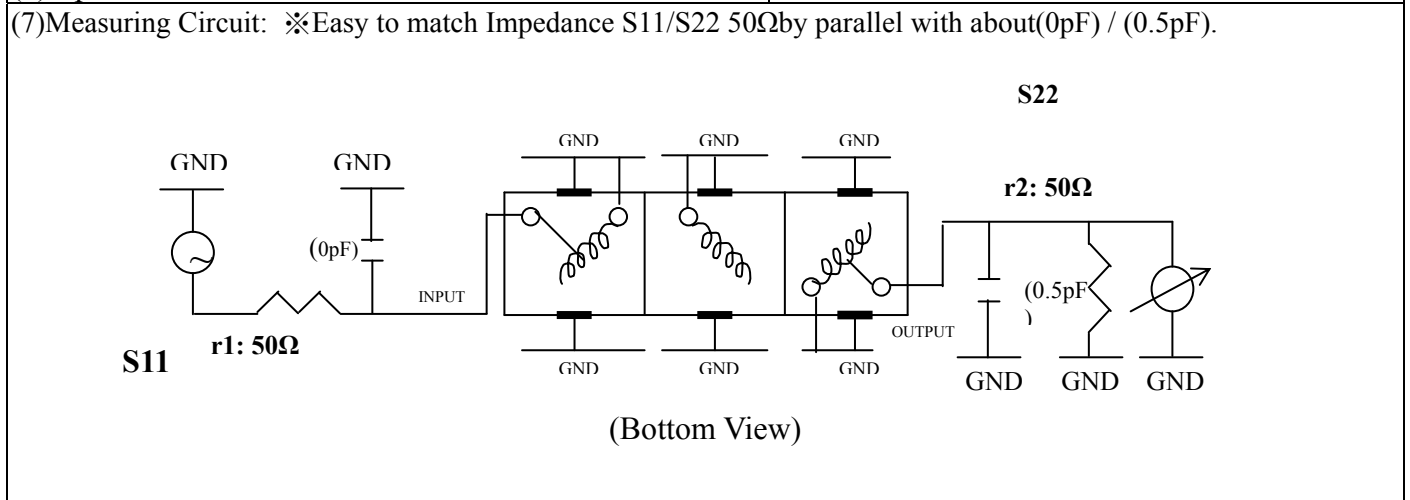


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67244A-815M
Approval No. /dated	0712115BD	Acceptable Specify Fo Range	801~830MHz
Work Instruction No.	0712115BD	Date	Jan.03.2008



(3)Electric Character			
Item		Specify	Performance
Center Freq.(Fo ) +/- 0.5 %		815 MHz	815 MHz
Tunable Range:		815±10 MHz	815±10 MHz
Insertion Loss		Typ. 4.0 dB	3.09 dB
-3 dB Bandwidth		Typ. 10 MHz	16.3 MHz
Sensitivity (Attenuation )	Fo - 50 MHz	Typ. 47 dBc	52 dBc
	Fo + 50 MHz	Typ. 35 dBc	41 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	32.1 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		0°C ~ +60°C	
Storage Temperature		-20°C ~ +70°C	
(6)Input Power			
> 1 Watt			



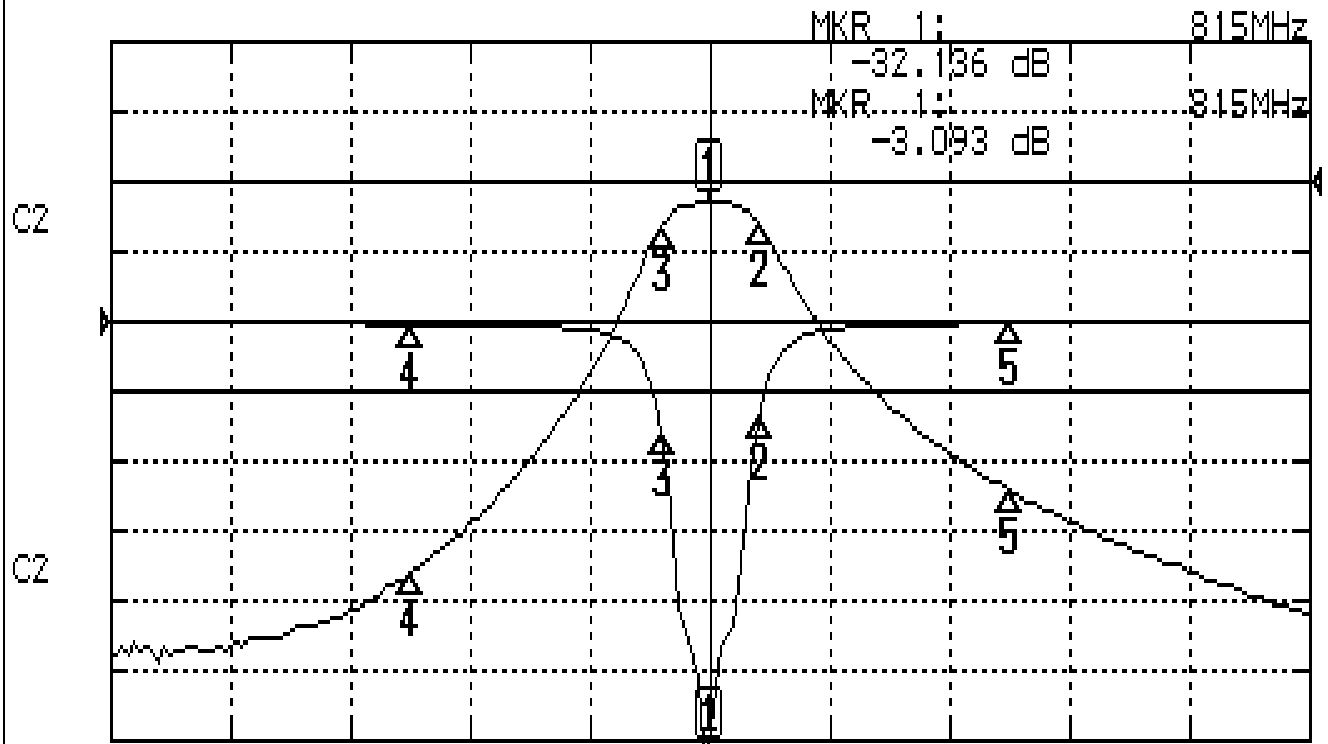
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Chiang	7H3(4*4.65)F 7H046LB4 聚 3

TEMWELL CORPORATION

# Performance-TT67244A-815M

## 0712115BD

**CH1** S11      LOG MAG      REF 0.000 dB      5.000 dB/  
**CH2** S21      LOG MAG      REF 0.000 dB      10.000 dB/



CENTER 815MHz

[ 10.00 dBm ]

SPAN 200MHz

### CH1 MARKER LIST

1	815.000MHz	-32.136	dB
2	823.333MHz	-16.692	dB
3	807.000MHz	-7.946	dB
4	765.000MHz	-0.156	dB
5	865.000MHz	-0.111	dB

### CH2 MARKER LIST

1	815.000MHz	-3.093	dB
2	823.333MHz	-16.063	dB
3	807.000MHz	-16.177	dB
4	765.000MHz	-51.872	dB
5	865.000MHz	-44.261	dB