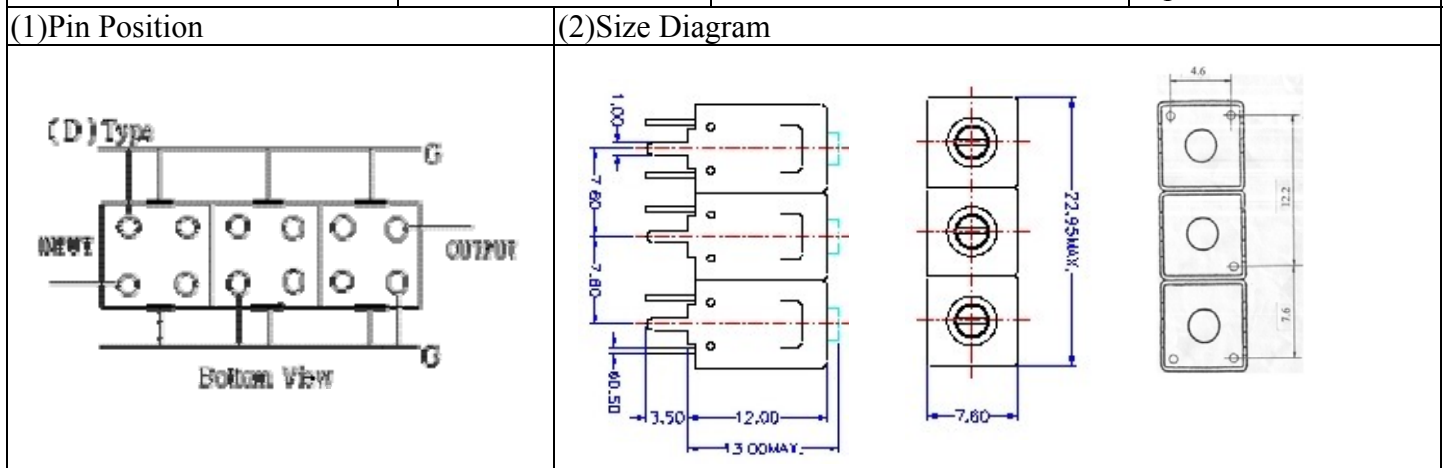


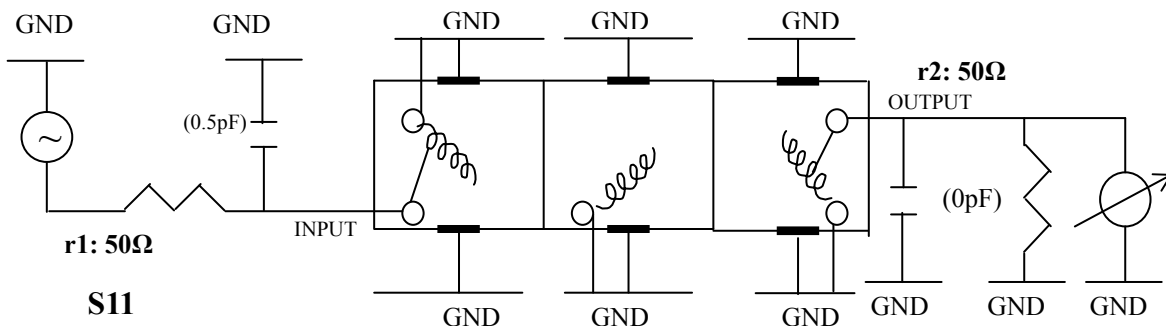
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67128D-680M
Approval No. /dated	2008028B	Acceptable Specify Fo Range	661~700 MHz
Work Instruction No.	2008028B	Date	Sep.11.2006



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	680 MHz	680 MHz	
Tunable Range	680±5 MHz	680±5 MHz	
Insertion Loss	Typ. 3.5 dB	2.60 dB	
-3 dB Bandwidth	Typ. 16 MHz	20.2 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 43 dBc	48 dBc
	Fo + 50 MHz	Typ. 30 dBc	35 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	38.8 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	> 1Watt		

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



(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Chiang	7H3(4*4.65)(4.68) 7H046LB4 聚 3

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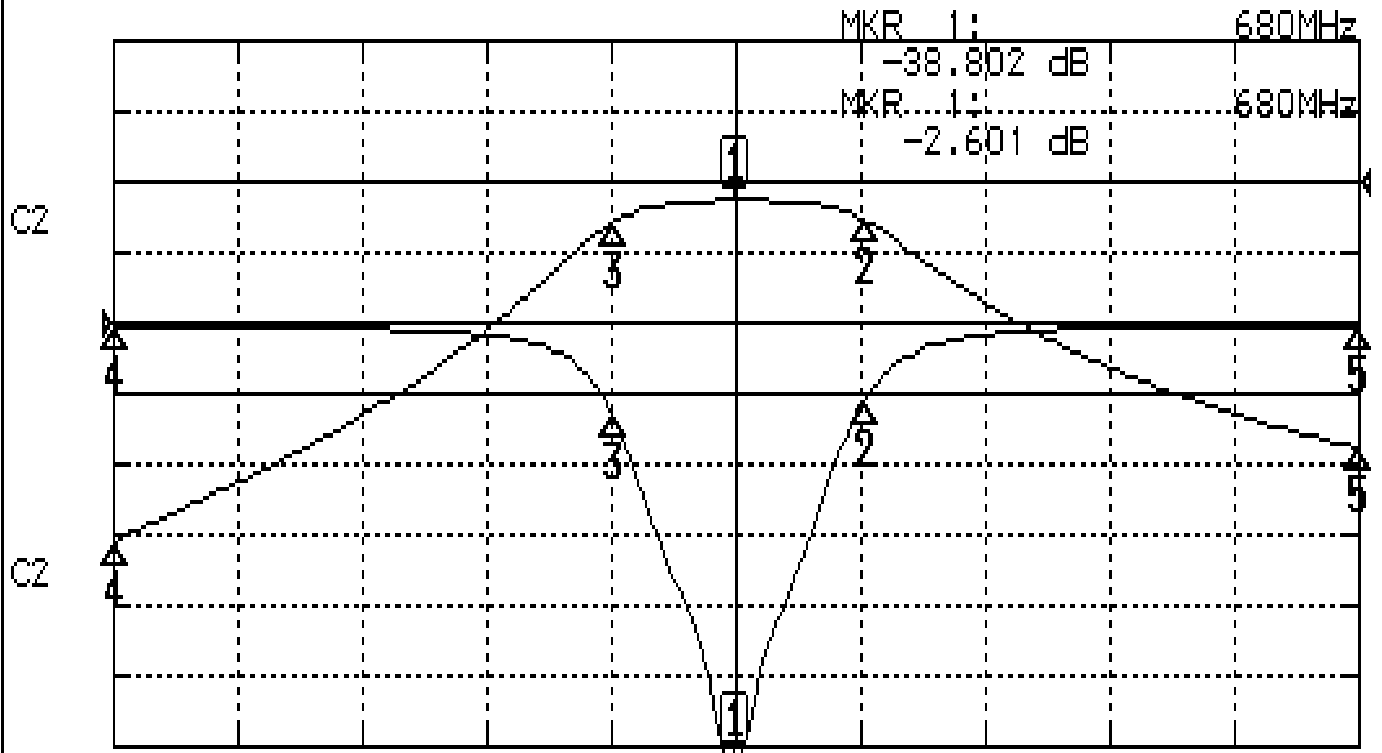
Form10-7H3D Vision D

RP(p.h)

Performance-TT67128D-680M

2008028B

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



CENTER 680MHz

[10.00 dBm]

SPAN 100MHz

CH1 MARKER LIST

Marker	Frequency (MHz)	Value (dB)
1	680.000	-38.863
2	690.416	-17.407
3	670.250	-6.667
4	630.000	-0.217
5	730.000	-0.172

CH2 MARKER LIST

Marker	Frequency (MHz)	Value (dB)
1	680.000	-2.601
2	690.416	17.589
3	670.250	17.581
4	630.000	17.955
5	730.000	17.738