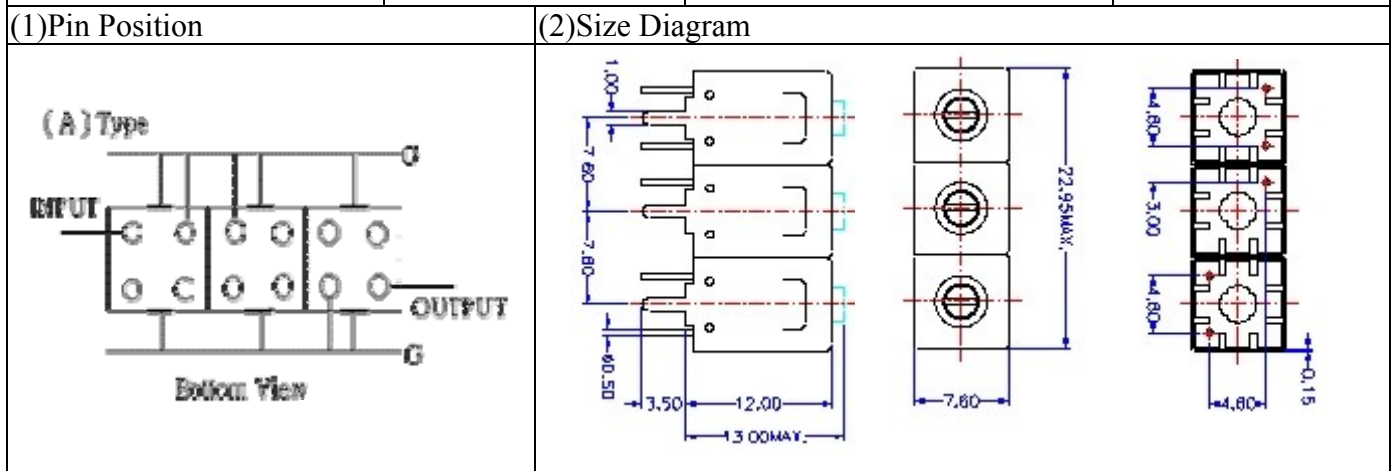


# VHF UHF Helical Filter Specification Sheet

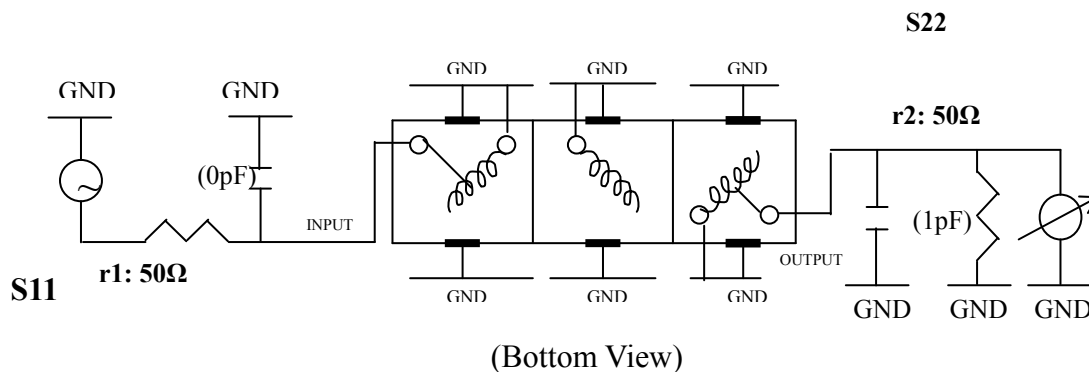
Customer Name		Temwell's Part No.	TT6860A-575M
Approval No. /dated	20504032B	Acceptable Specify Fo Range	556~595MHz
Work Instruction No.	20504032B	Date	Apr.27.2005



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	575 MHz	575 MHz	
Tunable Range:	575±5 MHz	575±5 MHz	
Insertion Loss	Typ. 4.5 dB	3.6 dB	
-3 dB Bandwidth	Typ. 9 MHz	12 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 55 dBc	59 dBc
	Fo + 50 MHz	Typ. 50 dBc	53 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	30.5 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/75Ω by parallel with about(0 pF) / (1pF).

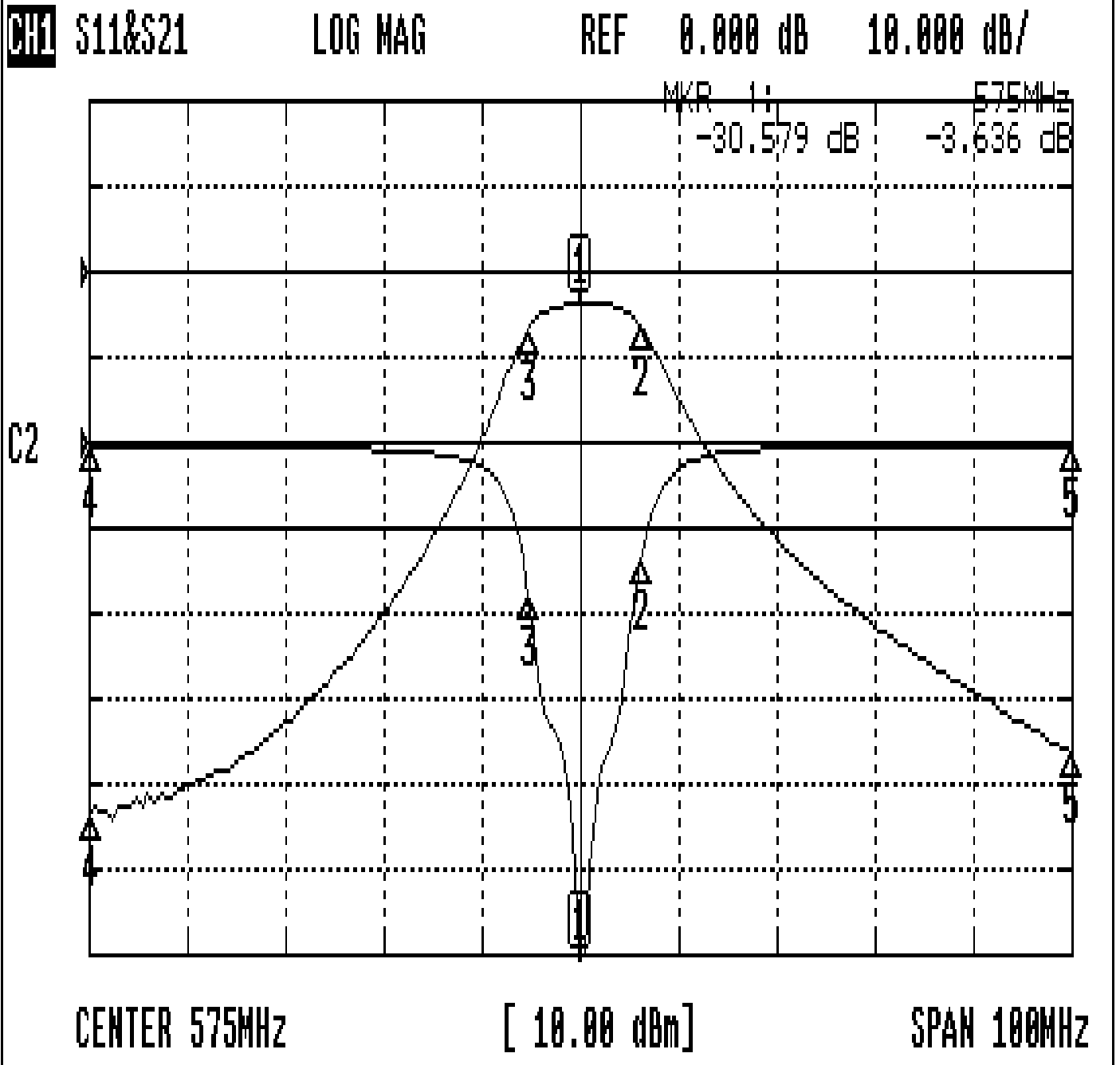


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	W.W.Wang	7H3(4*4.65) 7H046LB4 聚 3

TEMWELL CORPORATION

# Performance-TT6860A-575M

## 20504032B



### CH1 MARKER LIST

1:	575.000MHz	-30.579 dB	-3.636 dB
2:	581.250MHz	-6.740 dB	-6.517 dB
3:	569.750MHz	-8.911 dB	-6.666 dB
4:	525.000MHz	-0.191 dB	-62.896 dB
5:	625.000MHz	-0.169 dB	-56.419 dB