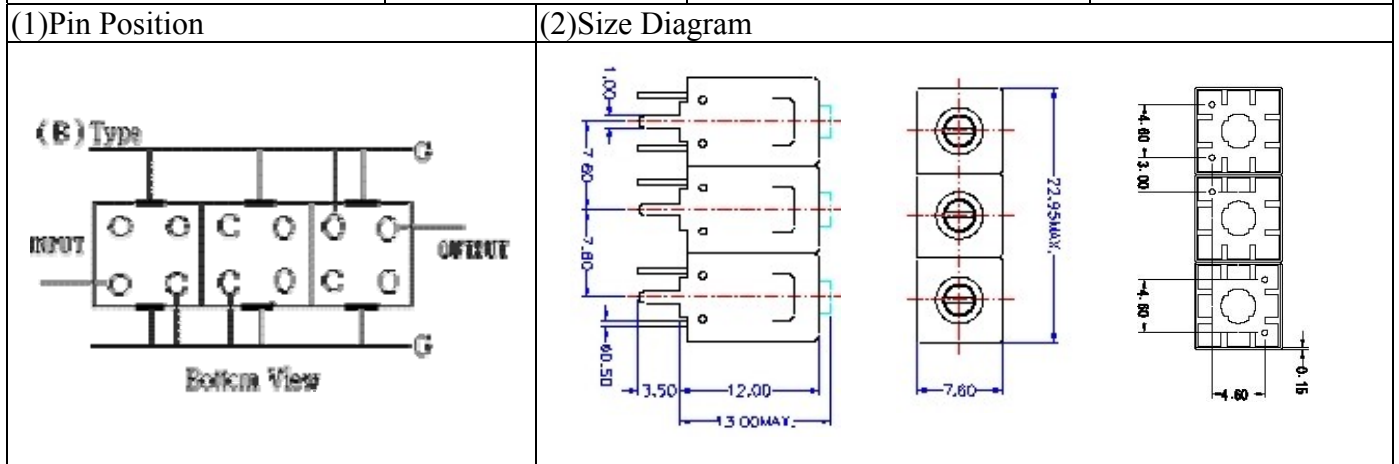
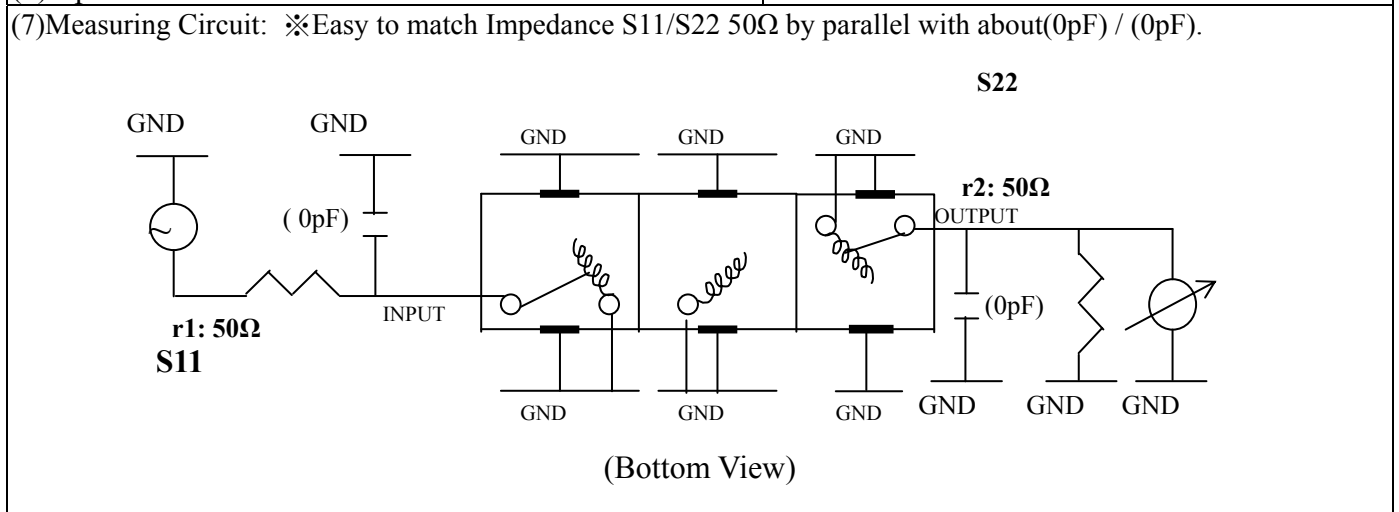


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67874B-575M
Approval No. /dated	200810009CD	Acceptable Specify Fo Range	556~595MHz
Work Instruction No.	200810009CD	Date	Oct.09.2008



(3) Electric Characteristic		Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %			575 MHz	575 MHz
Tunable Range:			575±3 MHz	575±3 MHz
Insertion Loss		Typ.	2.0 dB	0.86 dB
-3 dB Bandwidth		Typ.	90 MHz	93.1 MHz
Sensitivity (Attenuation)	Fo - 200 MHz	Typ.	45 dBc	48 dBc
	Fo + 200 MHz	Typ.	30 dBc	33 dBc
	Fo - ()MHz	Typ.	dBc	dBc
	Fo +()MHz	Typ.	dBc	dBc
Return Loss		Min.	12 dB	20.5 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	



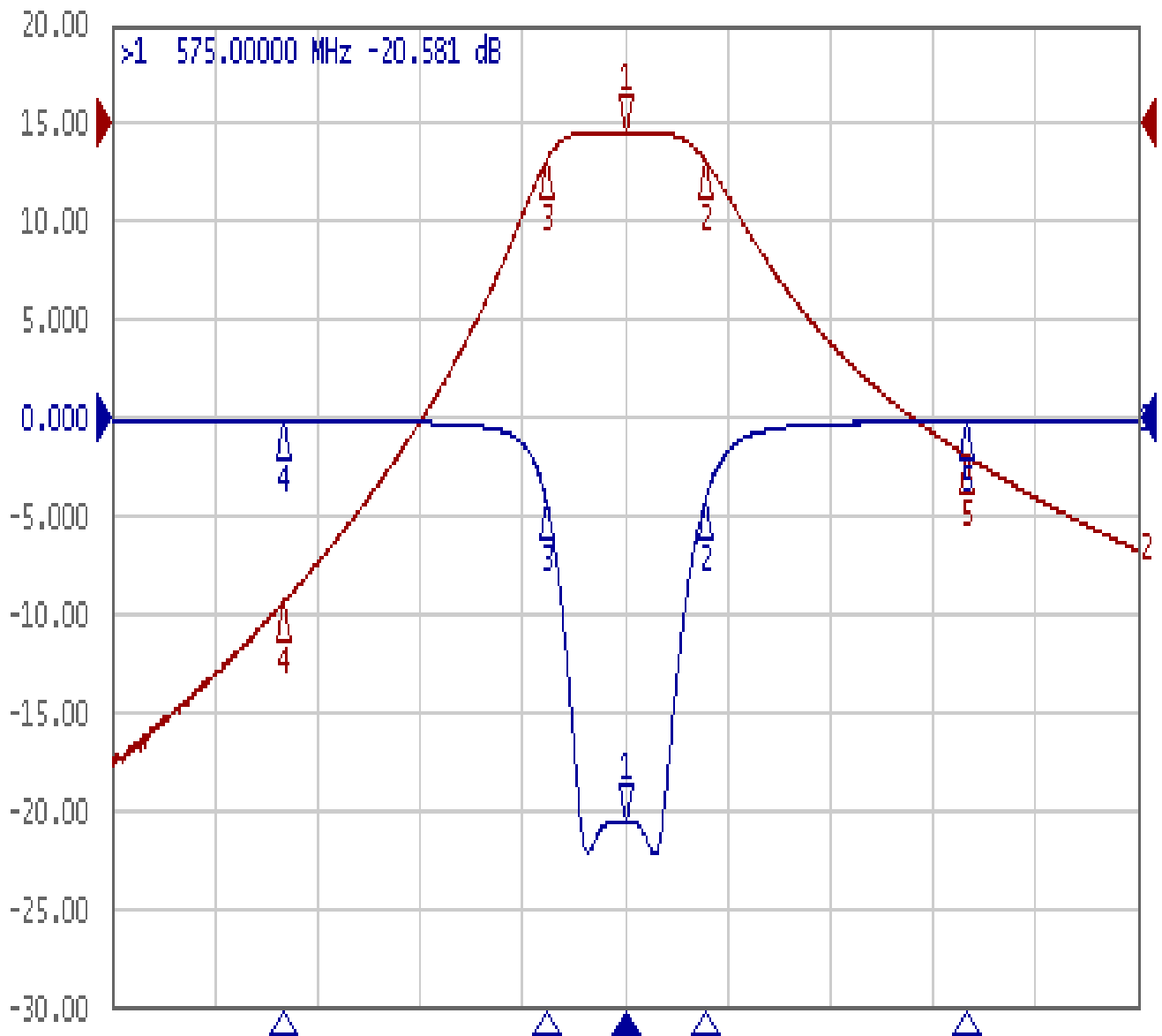
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*5.5F) (7H046RB6.5)

TEMWELL CORPORATION

Performance-TT67874B-575M

200810009CD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F3]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F3]



1 Center 575 MHz

IFBW 10 kHz

Span 600 MHz



Ch1	Tr1	S11	>1	575.00000	MHz	-20.581	dB
Ch1	Tr1	S11	2	621.98900	MHz	-4.1322	dB
Ch1	Tr1	S11	3	528.87700	MHz	-4.2829	dB
Ch1	Tr1	S11	4	375.00000	MHz	-0.1741	dB
Ch1	Tr1	S11	5	775.00000	MHz	-0.2669	dB
Ch1	Tr2	S21	1	575.00000	MHz	-0.8659	dB
Ch1	Tr2	S21	2	621.98900	MHz	-3.7777	dB
Ch1	Tr2	S21	3	528.87700	MHz	-3.7907	dB
Ch1	Tr2	S21	4	375.00000	MHz	-48.823	dB
Ch1	Tr2	S21	5	775.00000	MHz	-33.920	dB