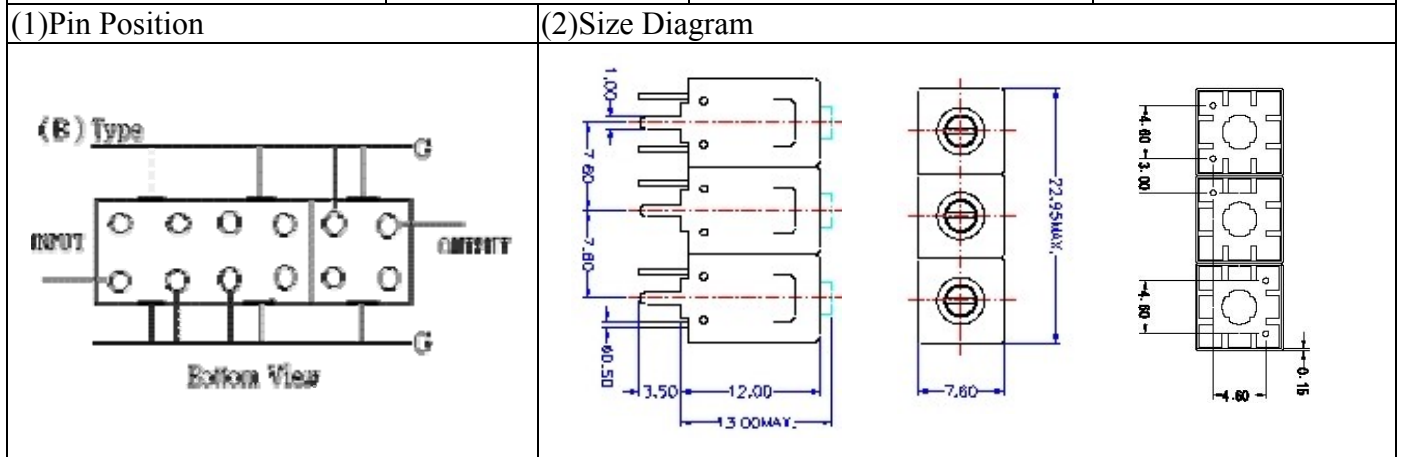
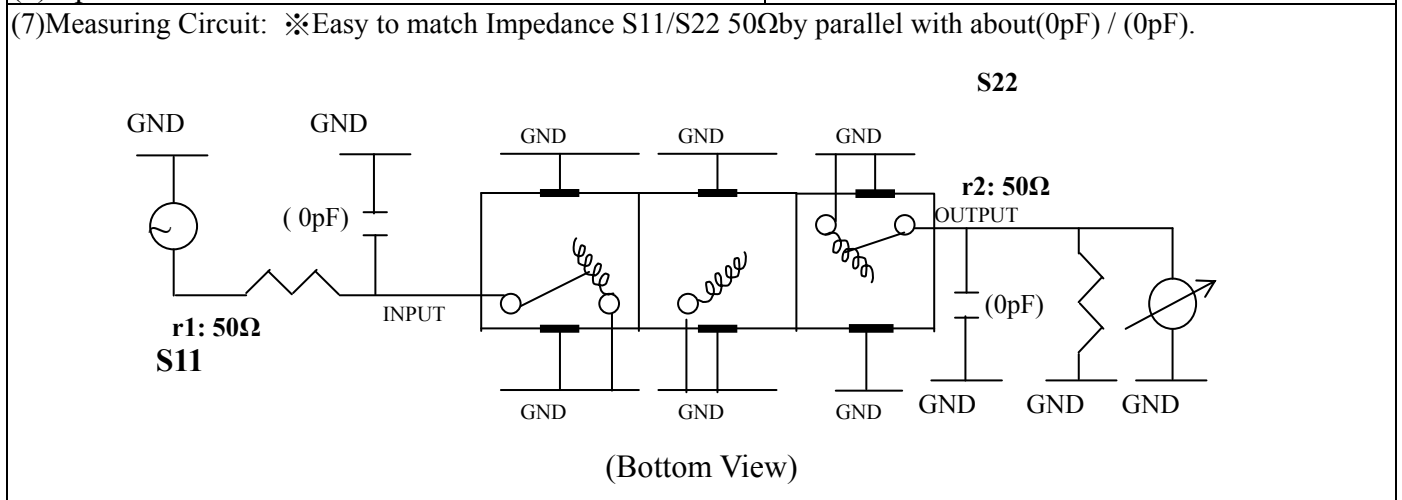


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67395B-175M
Approval No. /dated	0901070CD	Customer's Print Name.	67395B 175M
Work Instruction No.	200901070CD	Date	Feb.04.2009



(3) Electric Characteristic		Specify	Performance
Item			
Center Freq.(Fo) +/- 0.5 %		175 MHz	175 MHz
Tunable Range:		175±2 MHz	175±2 MHz
Insertion Loss		Typ. 3.0 dB	2.12 dB
-3 dB Bandwidth		Typ. 13 MHz	15.6 MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 36 dBc	39 dBc
	Fo + 30 MHz	Typ. 31 dBc	34 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	23.2 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	7H3(4*4.5)(4.54) 7H024RB6.5

TEMWELL CORPORATION

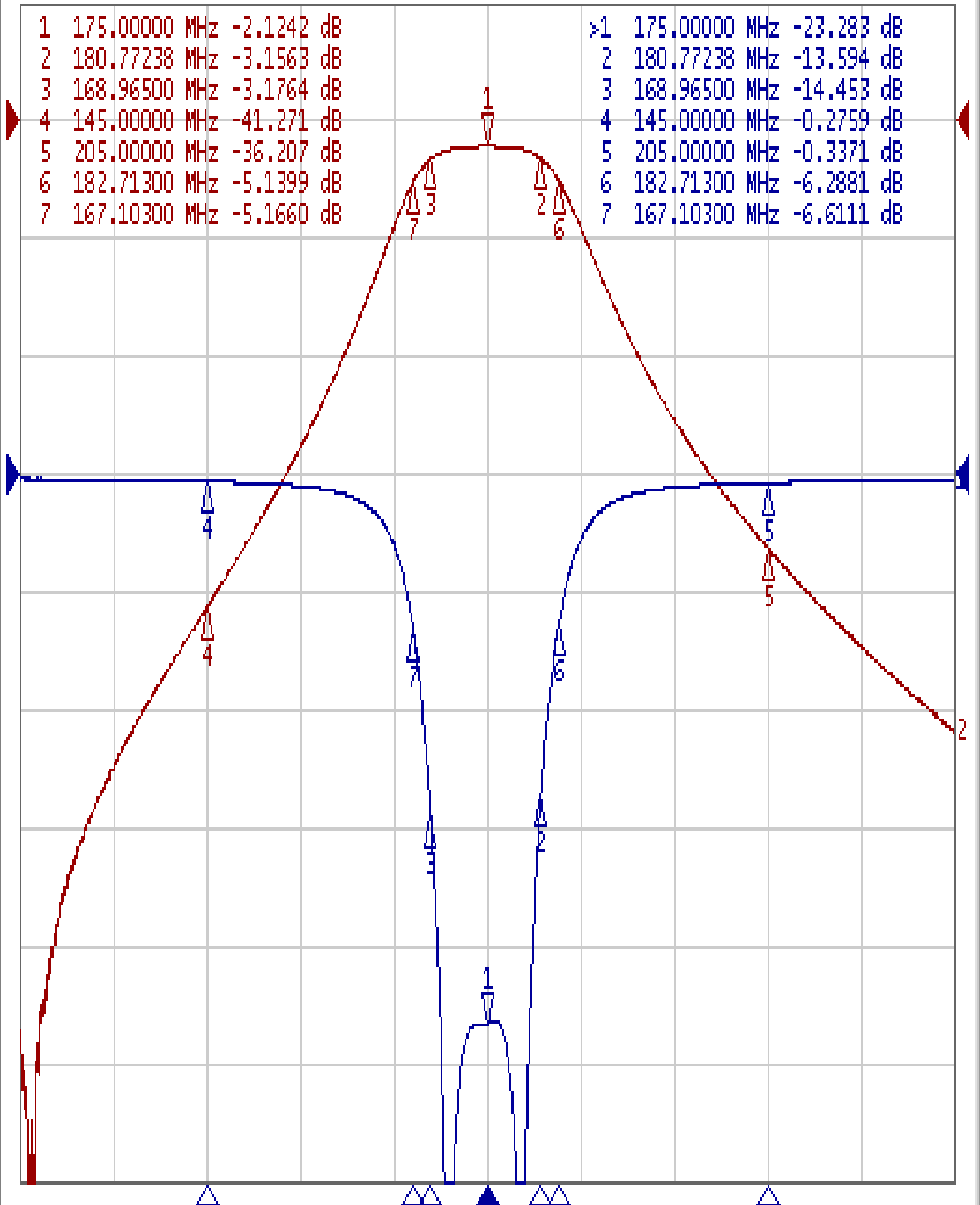
Performance-TT67395B-175M

200901070CD

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

1	175.00000 MHz	-2.1242 dB
2	180.77238 MHz	-3.1563 dB
3	168.96500 MHz	-3.1764 dB
4	145.00000 MHz	-41.271 dB
5	205.00000 MHz	-36.207 dB
6	182.71300 MHz	-5.1399 dB
7	167.10300 MHz	-5.1660 dB

>1	175.00000 MHz	-23.283 dB
2	180.77238 MHz	-13.594 dB
3	168.96500 MHz	-14.453 dB
4	145.00000 MHz	-0.2759 dB
5	205.00000 MHz	-0.3371 dB
6	182.71300 MHz	-6.2881 dB
7	167.10300 MHz	-6.6111 dB



1 Center 175 MHz

IFBW 10 kHz

Span 100 MHz

C7 !