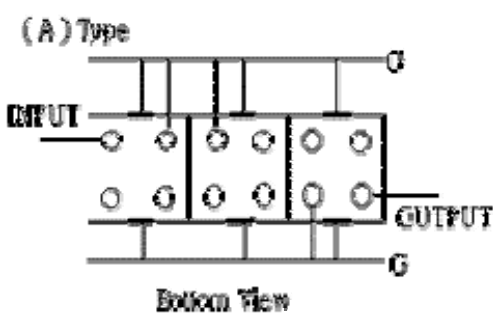
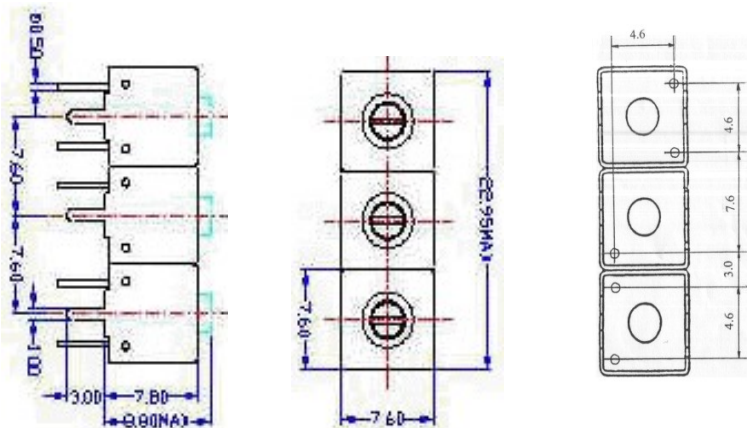


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3184A-890M
Approval No. /dated	20104057DC	Acceptable Specify Fo. Range	861~900MHz
Work Instruction No.	20104057DC	Date	2001.4.19

(1)Pin Position	(2)Size Diagram
 <p>(A) Type Bottom View</p>	

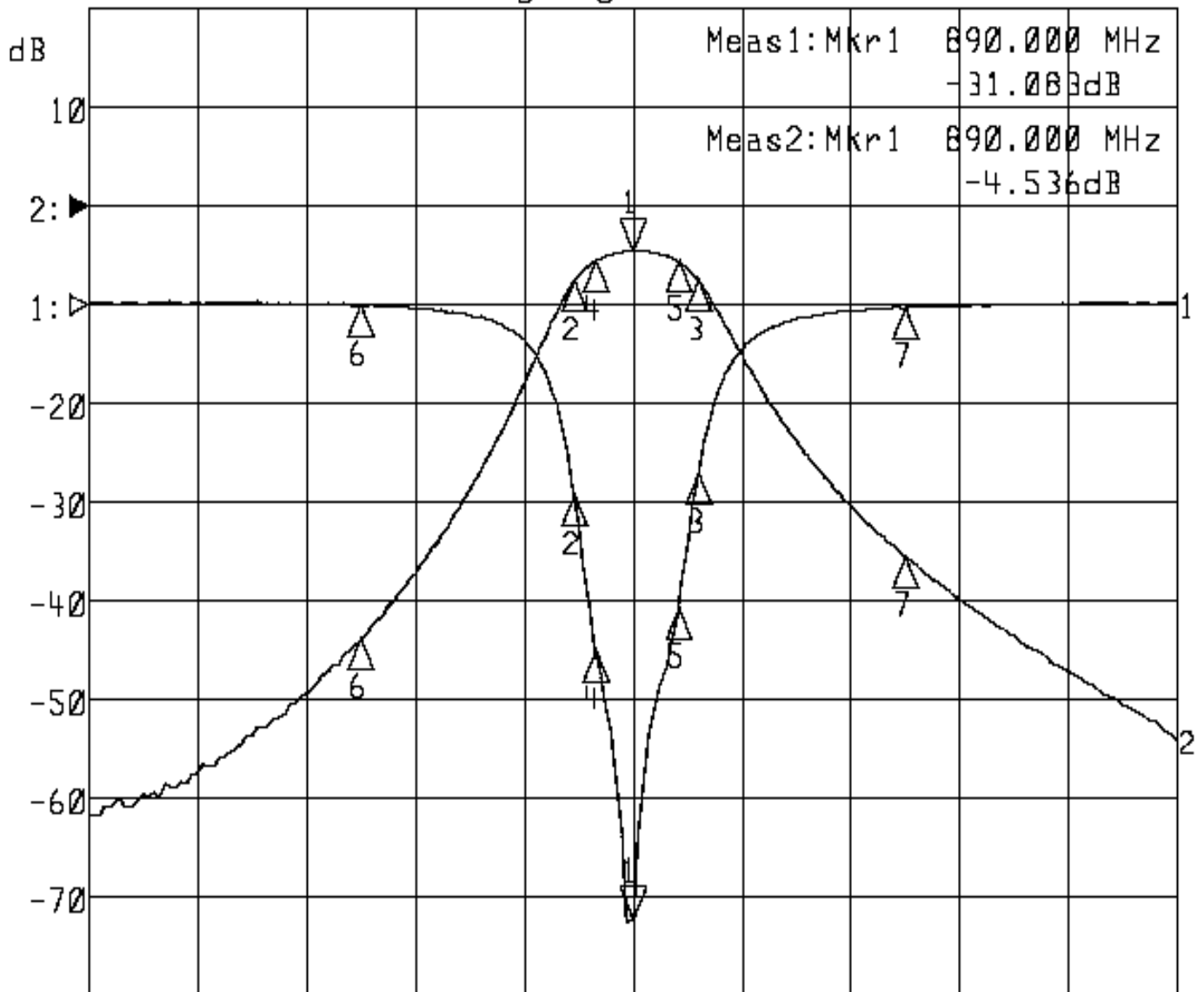
(3)Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		890 MHz	890 MHz
Tunable Range		890 ±10 MHz	890 ±10 MHz
Insertion Loss		Typ. 5.5 dB	4.4 dB
-3 dB Bandwidth		Typ. 17 MHz	22 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 36 dBc	39 dBc
	Fo + 50 MHz	Typ. 28 dBc	31 dBc
	Fo - () MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	31 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	7S3S (4*5.2) 7S046LB4

TEMWELL CORPORATION

Performance-TTS3184A-890M

20104057DC

▷1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 890.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 890.0000	-31.083	1> 890.0000	-4.536
2: 879.2667	-9.650	2: 879.2667	-7.564
3: 902.0000	-8.468	3: 902.0000	-7.509
4: 883.2000	-17.530	4: 883.2000	-5.530
5: 898.2667	-15.381	5: 898.2667	-5.551
6: 840.0000	0.020	6: 840.0000	-43.851
7: 940.0000	-0.162	7: 940.0000	-35.505