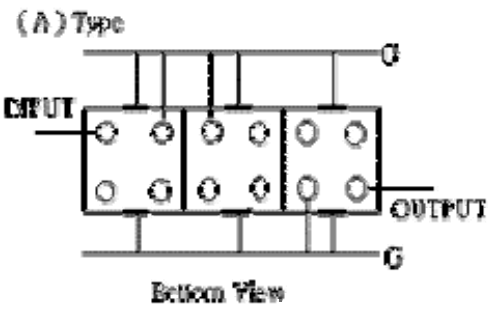
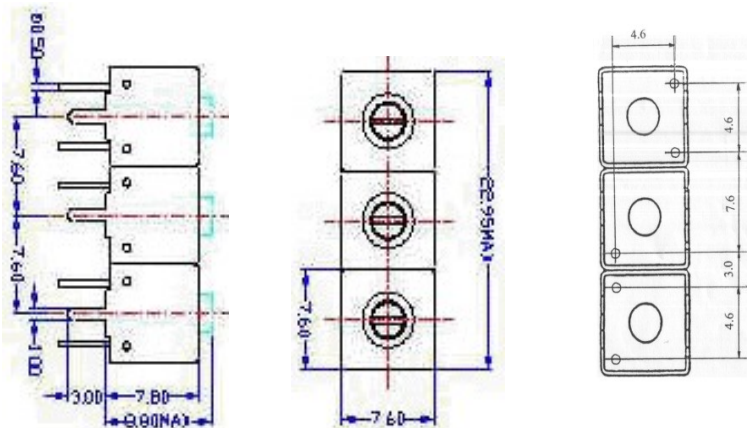


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3212A-958M
Approval No. /dated	20108034B	Acceptable Specify Fo. Range	95~975MHz
Work Instruction No.	20108034B	Date	2001.08.23

<p>(1) Pin Position</p>  <p style="text-align: center;">Bottom View</p>	<p>(2) Size Diagram</p> 
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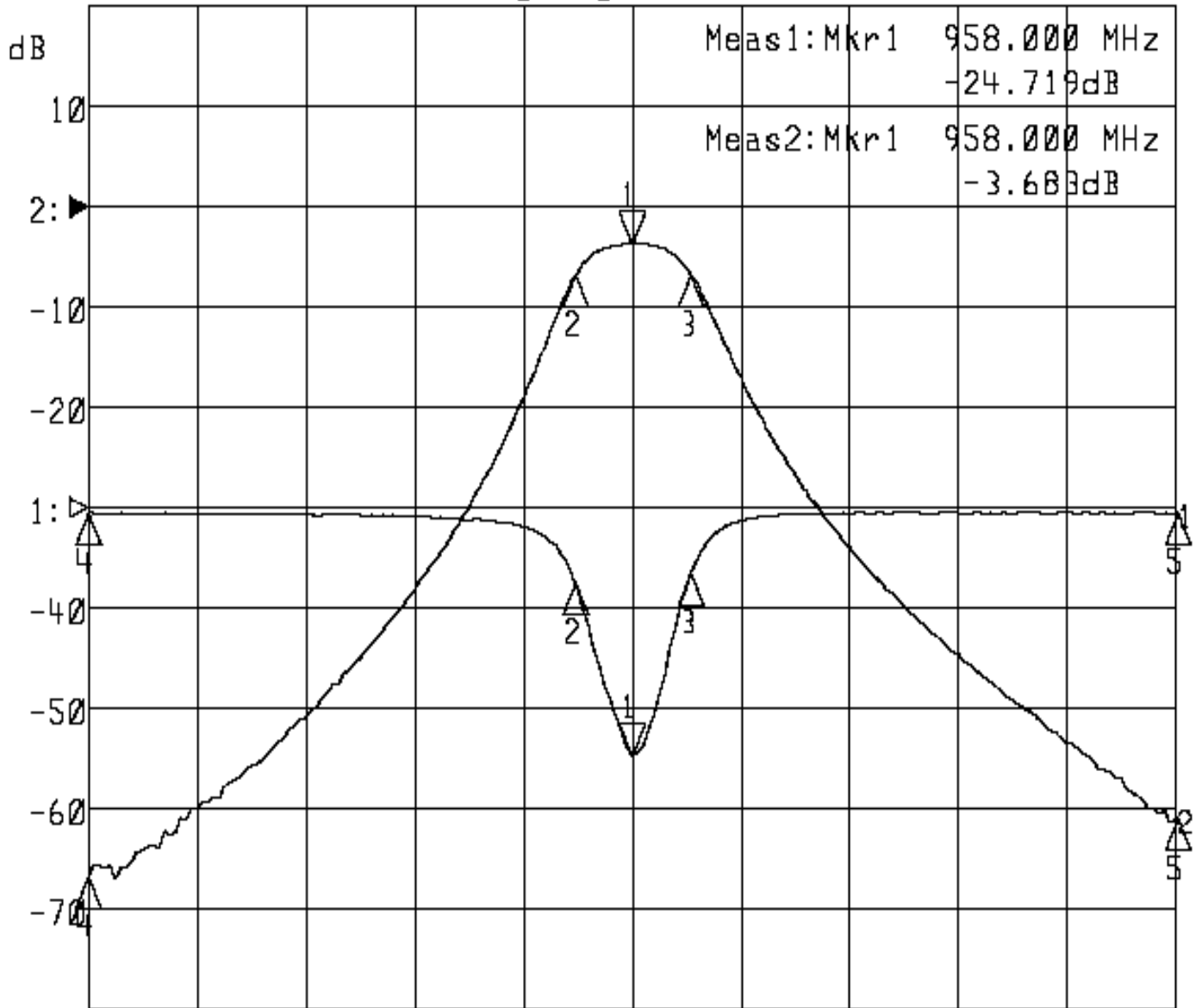
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		958 MHz	958 MHz
Tunable Range		958 ±10 MHz	958 ±10 MHz
Insertion Loss		Typ. 4.5 dB	3.6 dB
-3 dB Bandwidth		Typ. 16 MHz	21 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 60 dBc	63 dBc
	Fo +100 MHz	Typ. 54 dBc	57 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	24.7 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*4.5) 7S046LB4

TEMWELL CORPORATION

Performance- TTS3212A-958M

20108034B

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



Center 958.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 958.0000	-24.719	1> 958.0000	-3.683
2: 947.6667	-7.587	2: 947.6667	-6.759
3: 968.8000	-6.580	3: 968.8000	-6.660
4: 858.0000	-0.468	4: 858.0000	-66.835
5: 1058.0000	-0.548	5: 1058.0000	-61.027