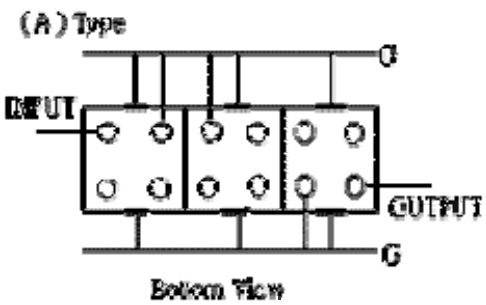
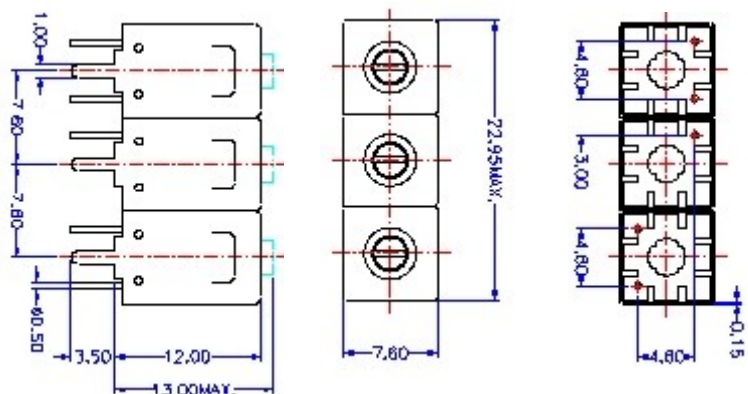


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67136A-940M
Approval No. /dated	2008040B	Acceptable Specify Fo. Range	931~950MHz
Work Instruction No.	2008040B	Date	Aug.09.2000

<p>(1) Pin Position</p> 	<p>(2) Size Diagram</p> 
---	--

(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	940 MHz	940	MHz
Tunable Range	940±10 MHz	940±10	MHz
Insertion Loss	Typ. 5.0 dB	4.0	dB
-3 dB Bandwidth	Typ. 10 MHz	16	MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 46	dBc
	Fo + 50 MHz	Typ. 36	dBc
	Fo - () MHz	Typ.	dBc
	Fo + () MHz	Typ.	dBc
Return Loss	Min. 12 dB	20.0	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*6.5)F 7H046LB4 聚 3

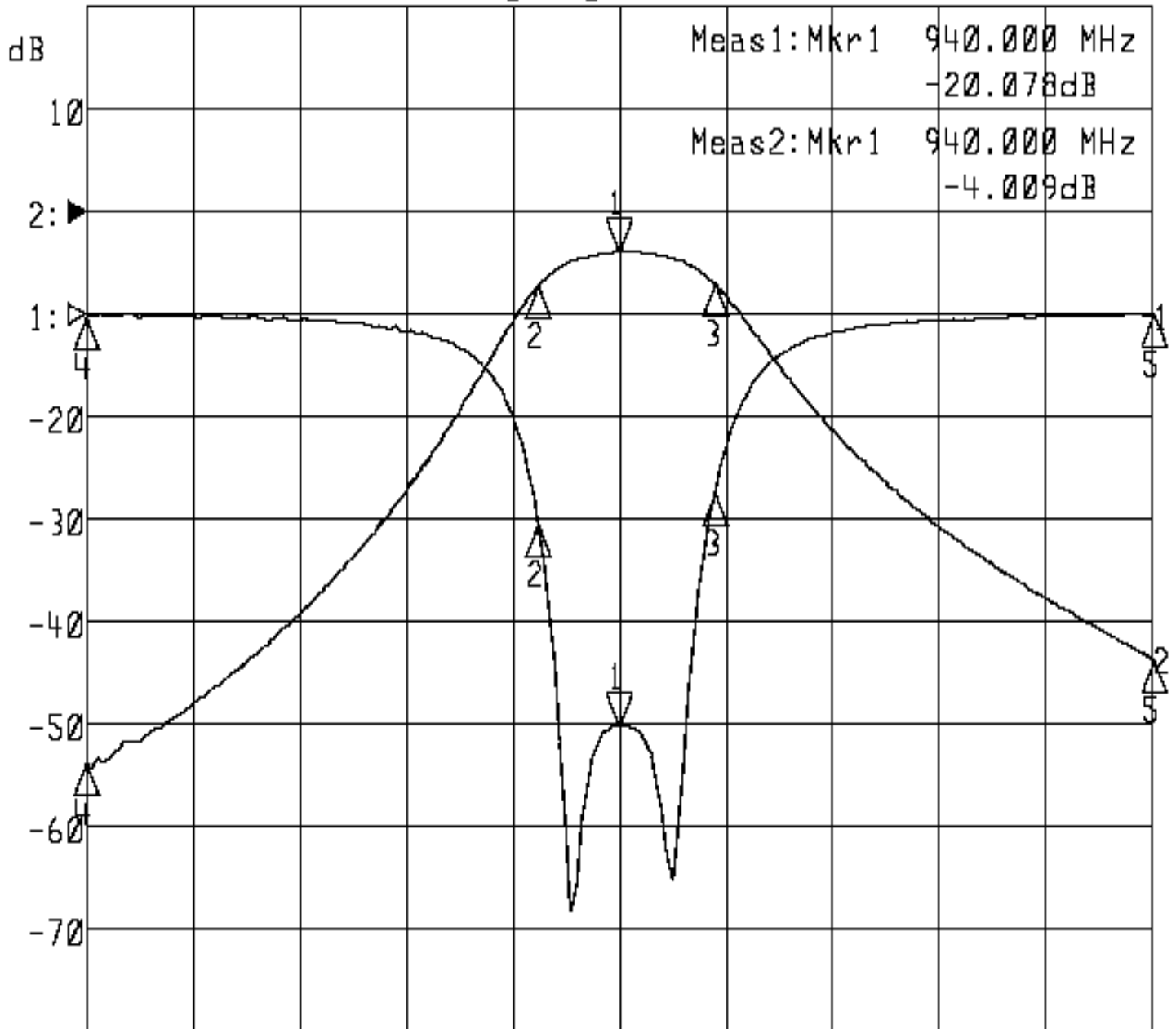
TEMWELL CORPORATION

Performance-TT67136A-940M

2008040B

▶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 940.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 940.0000	-20.078	1> 940.0000	-4.009
2: 932.4667	-10.304	2: 932.4667	-7.176
3: 948.9333	-8.794	3: 948.9333	-6.996
4: 890.0000	-0.080	4: 890.0000	-53.830
5: 990.0000	-0.058	5: 990.0000	-43.634