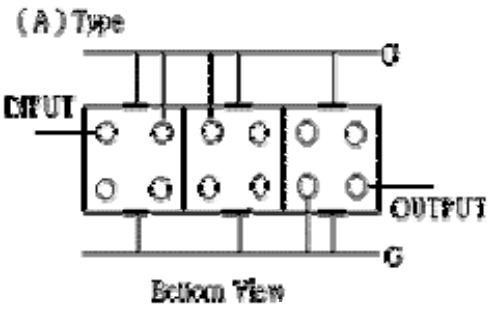
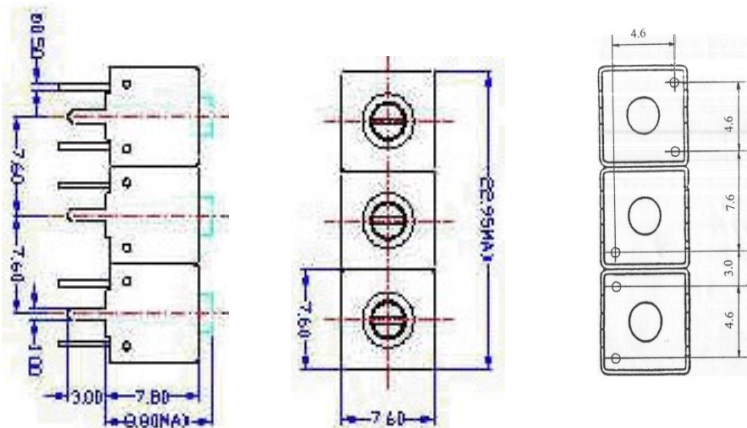


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3201A-940M
Approval No. /dated	20110032DB	Acceptable Specify Fo. Range	931~950MHz
Work Instruction No.	20110032DB	Date	2001.10.18

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

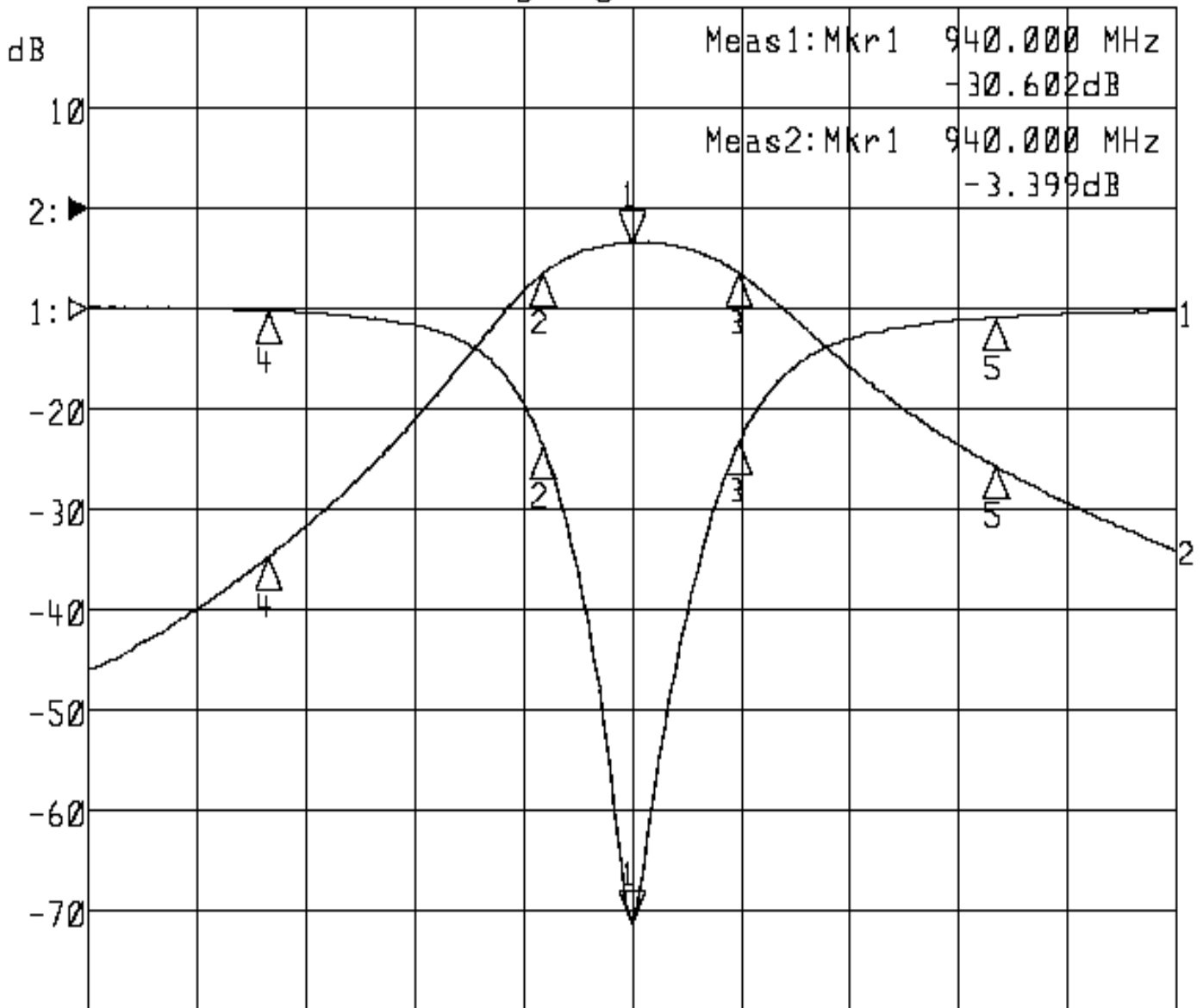
(3)Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		940 MHz	940 MHz
Tunable Range		940 ±10 MHz	940 ±10 MHz
Insertion Loss		Typ. 4.0 dB	3.3 dB
-3 dB Bandwidth		Typ. 49 MHz	54 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 28 dBc	31 dBc
	Fo +100 MHz	Typ. 19 dBc	22 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	30.6 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) 7S046LB6

TEMWELL CORPORATION

Performance-TTS3201A-940M

20110032DC

▶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 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 940.0000	-30.602	1> 940.0000	-3.399
2: 915.7000	-6.904	2: 915.7000	-6.404
3: 969.5000	-6.672	3: 969.5000	-6.430
4: 840.0000	-0.098	4: 840.0000	-34.680
5: 1040.0000	-0.447	5: 1040.0000	-25.666