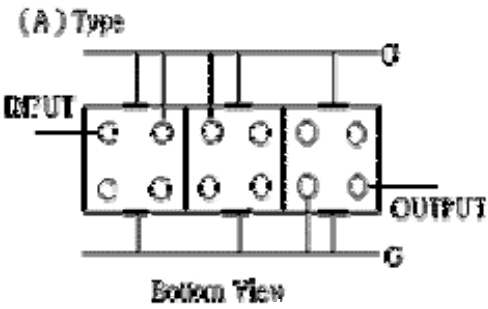
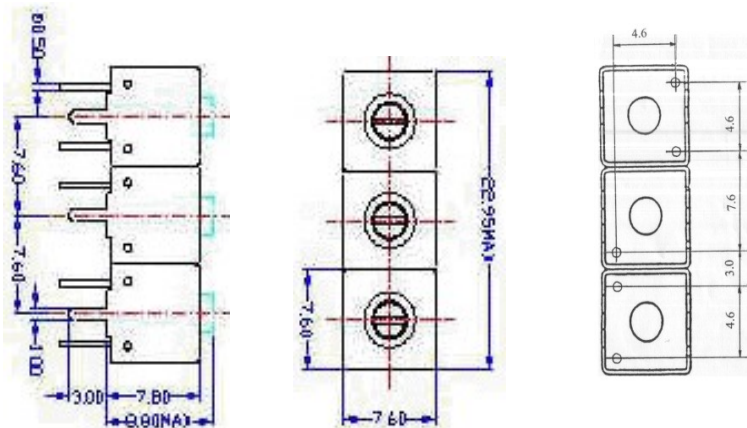


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3293A-1362.5M
Approval No. /dated	20104075DC	Acceptable Specify Fo. Range	1301~1500MHz
Work Instruction No.	20104075DC	Date	2001.4.20

<p>(1) Pin Position</p>  <p>(A) Type Bottom View</p>	<p>(2) Size Diagram</p> 
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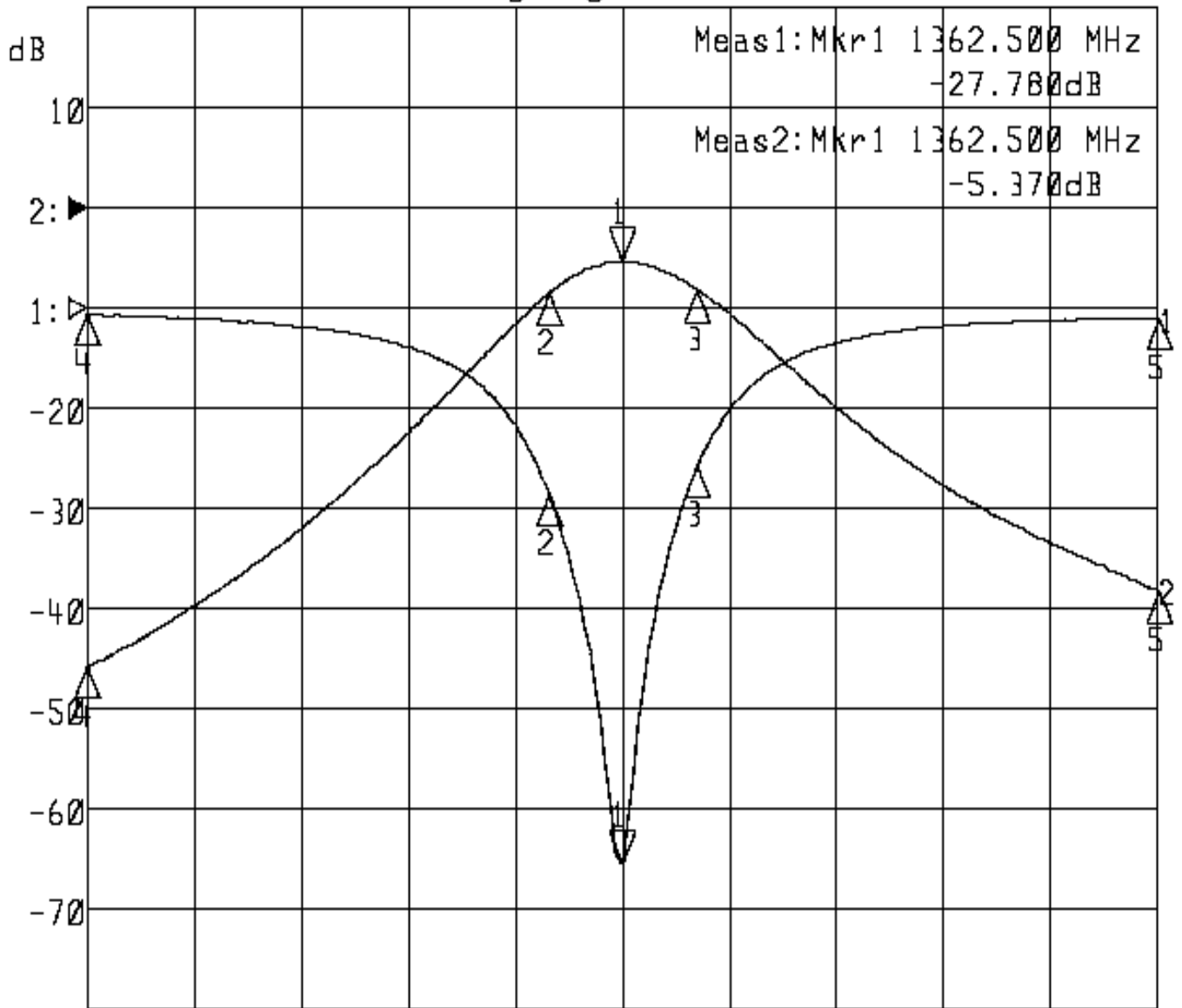
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1362.5 MHz	1362.5 MHz
Tunable Range		1362.5 ±10 MHz	1362.5 ±10 MHz
Insertion Loss		Typ. 6.5 dB	5.4 dB
-3 dB Bandwidth		Typ. 20 MHz	27 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 37 dBc	40 dBc
	Fo + 100 MHz	Typ. 30 dBc	33 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	27.7 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*5.2) 7S046LB4
TEMWELL CORPORATION			

Performance-TTS3293A-1362.5M

20104075DC

▶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 1362.500 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1362.5000	-27.780	1> 1362.5000	-5.370
2: 1348.8333	-9.265	2: 1348.8333	-8.543
3: 1376.6333	-7.848	3: 1376.6333	-8.142
4: 1262.5000	-0.306	4: 1262.5000	-45.858
5: 1462.5000	-0.513	5: 1462.5000	-38.162