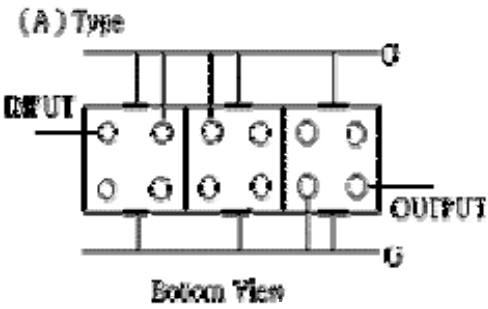
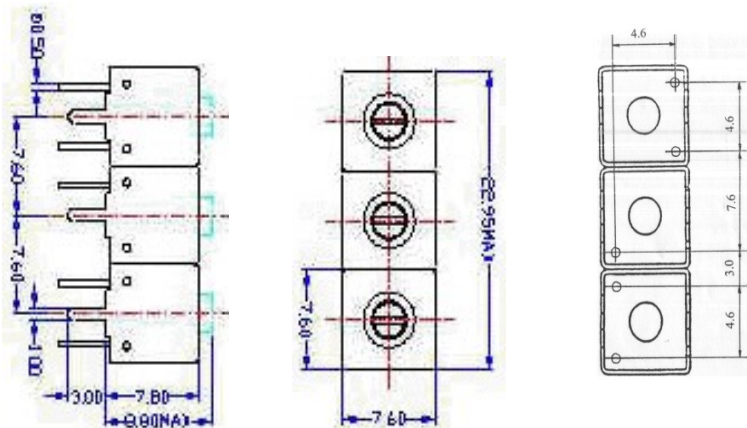


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3222A-997M
Approval No. /dated	20102017DC	Acceptable Specify Fo. Range	976~1000MHz
Work Instruction No.	20102017DC	Date	2001.04.12

<p>(1) Pin Position</p>  <p style="text-align: center;">(A) Type Bottom View</p>	<p>(2) Size Diagram</p> 
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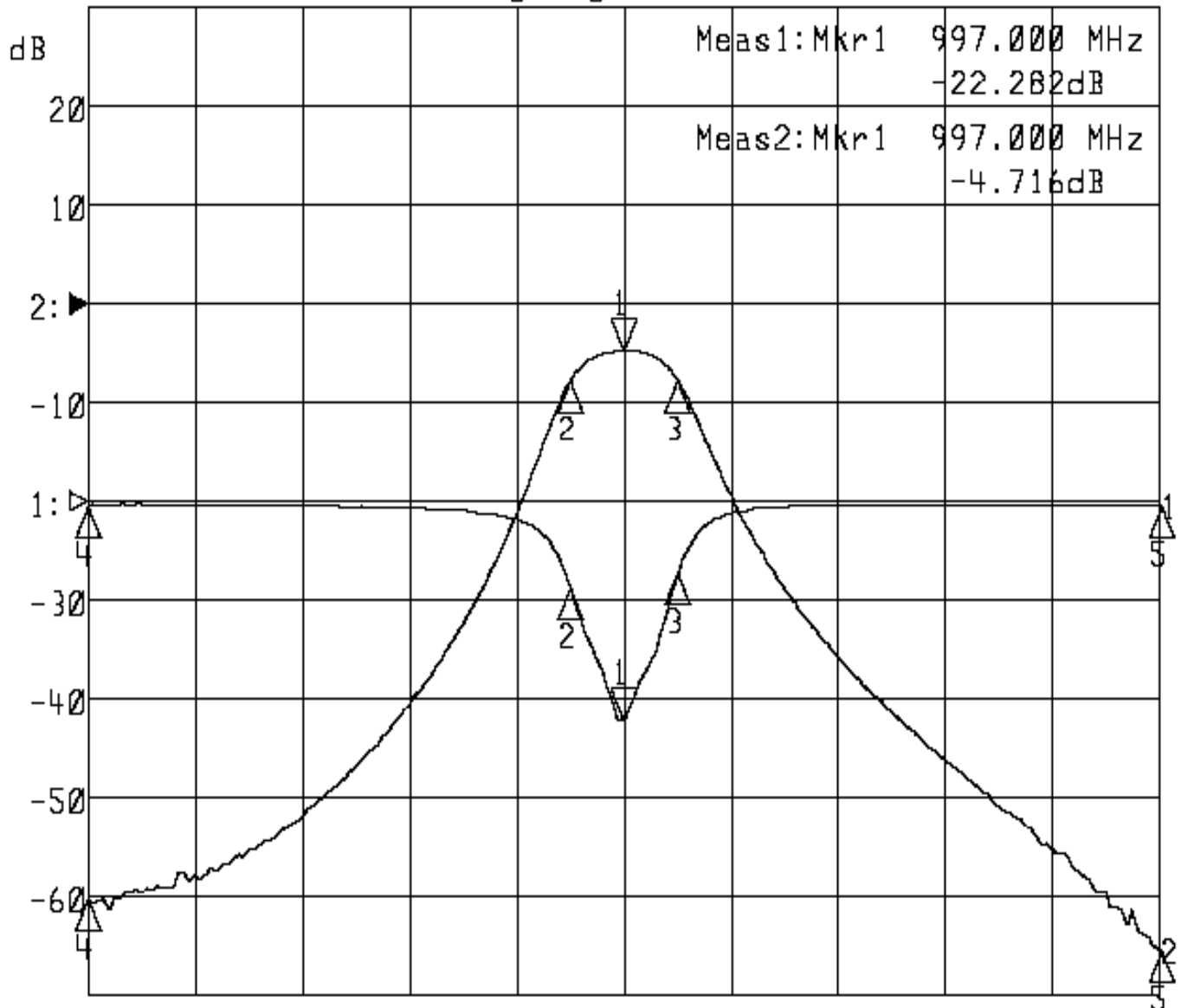
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		997 MHz	997 MHz
Tunable Range		997 ±10 MHz	997 ±10 MHz
Insertion Loss		Typ. 5.5 dB	4.7 dB
-3 dB Bandwidth		Typ. 15 MHz	20 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 52 dBc	55 dBc
	Fo +100 MHz	Typ. 57 dBc	60 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	22.2 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-TTS3222A-997M

## 20102017DC

▶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 997.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 997.0000	-22.282	1> 997.0000	-4.716
2: 987.0667	-8.651	2: 987.0667	-7.724
3: 1007.1333	-7.261	3: 1007.1333	-7.724
4: 897.0000	-0.375	4: 897.0000	-60.253
5: 1097.0000	-0.401	5: 1097.0000	-65.389