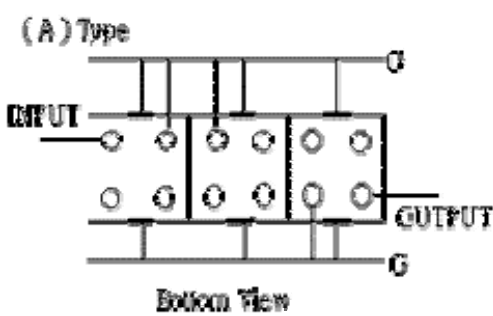
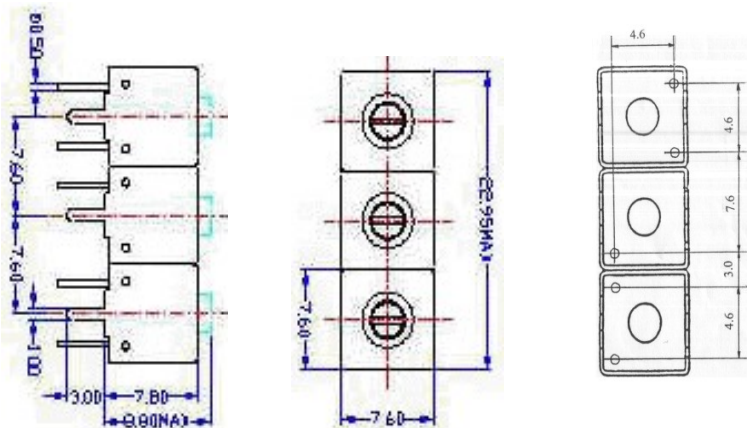


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3294A-1370M
Approval No. /dated	20110050DC	Acceptable Specify Fo. Range	1301~1500MHz
Work Instruction No.	20110050DC	Date	2001.10.31

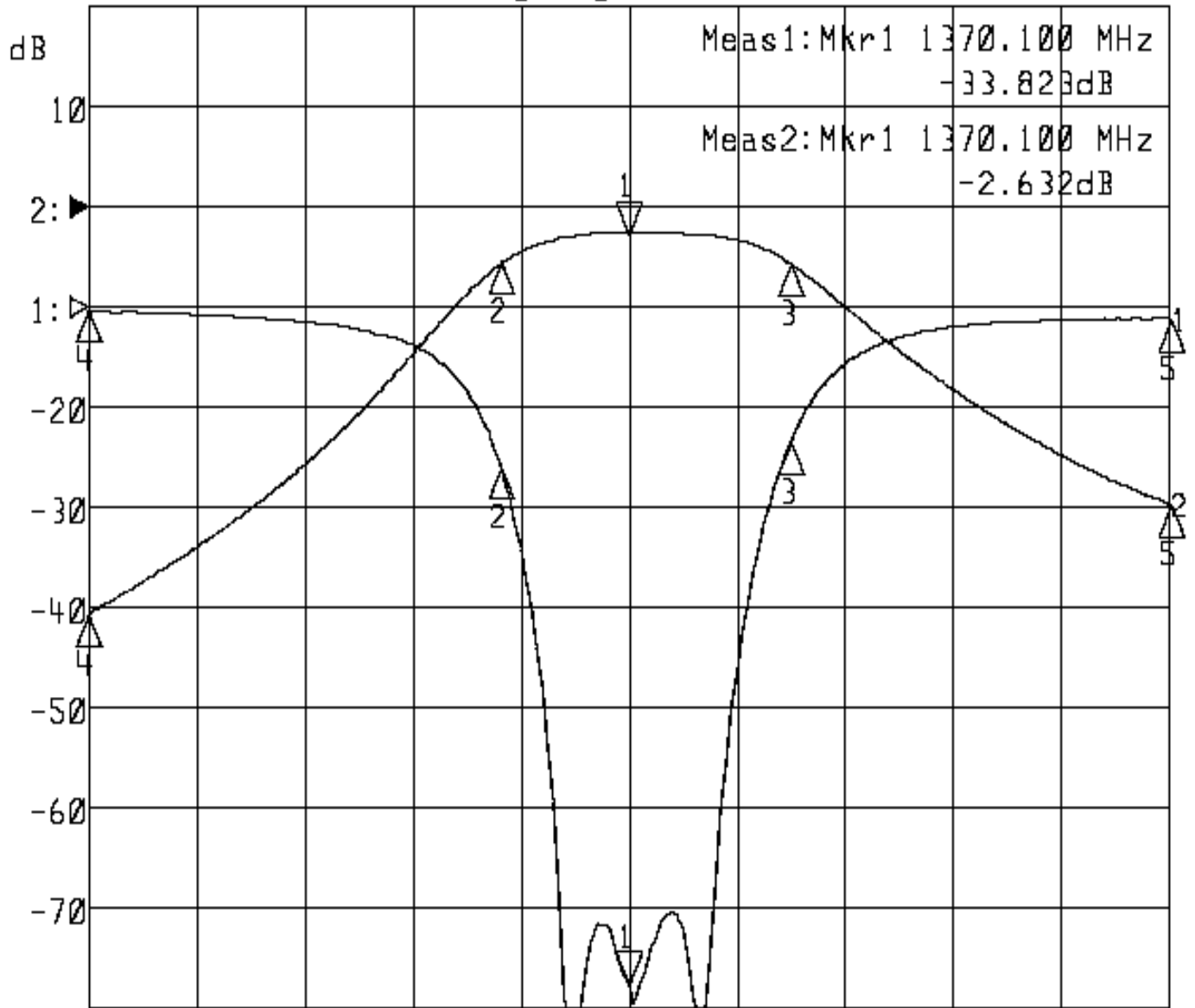
<p>(1) Pin Position</p>  <p style="text-align: center;">Bottom View</p>	<p>(2) Size Diagram</p> 
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(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1370 MHz	1370 MHz
Tunable Range		1370 ±10 MHz	1370 ±10 MHz
Insertion Loss		Typ. 3.5 dB	2.6 dB
-3 dB Bandwidth		Typ. 70 MHz	80 MHz
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 35 dBc	38 dBc
	Fo + 150 MHz	Typ. 24 dBc	27 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	33.8 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	7S3 (4*4.5) 7S046LB4
TEMWELL CORPORATION			

# Performance-TTS3294A-1370M

## 20110050DC

►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 1 370.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1370.1000	-33.823	1> 1370.1000	-2.632
2: 1334.6000	-8.055	2: 1334.6000	-5.609
3: 1414.9000	-6.701	3: 1414.9000	-5.648
4: 1220.0000	-0.179	4: 1220.0000	-40.695
5: 1520.0000	-0.604	5: 1520.0000	-29.713