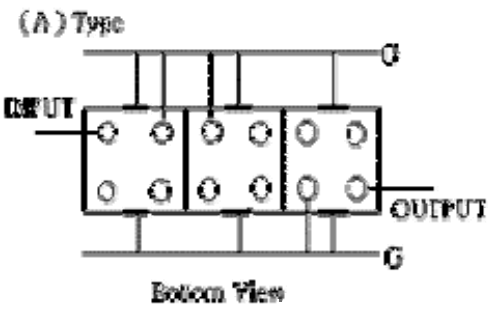
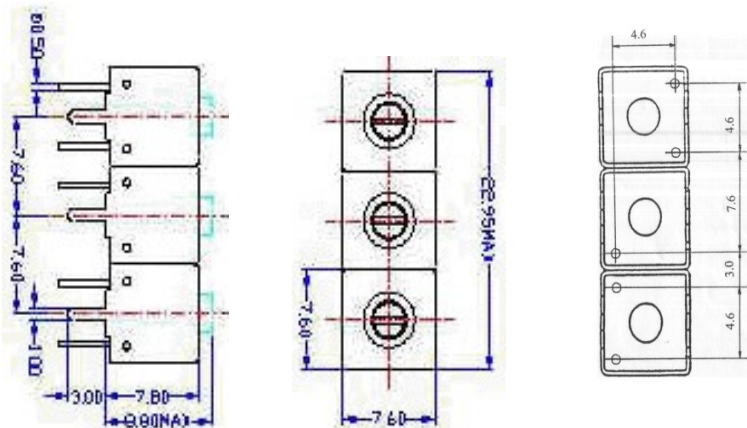


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3241A-1075M
Approval No. /dated	20110040DC	Acceptable Specify Fo. Range	1001~1100MHz
Work Instruction No.	20110040DC	Date	2001.10.19

<p>(1) Pin Position</p>  <p>(A) Type Bottom View</p>	<p>(2) Size Diagram</p> 
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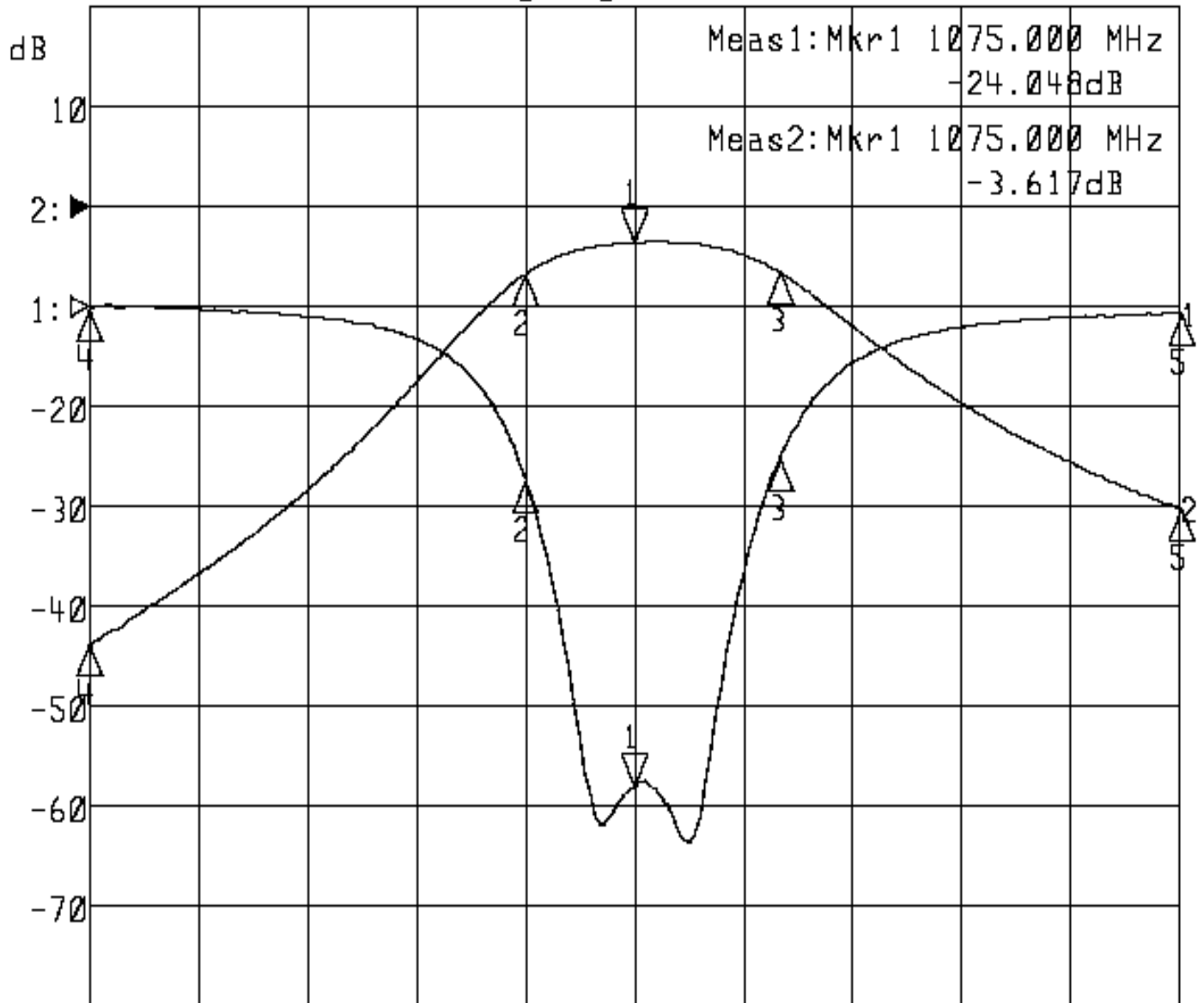
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1075 MHz	1075 MHz
Tunable Range		1075 ±10 MHz	1075 ±10 MHz
Insertion Loss		Typ. 4.5 dB	3.6 dB
-3 dB Bandwidth		Typ. 64 MHz	69 MHz
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 37 dBc	40 dBc
	Fo + 150 MHz	Typ. 23 dBc	26 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	24.0 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		> 1 Watt	
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3 (4*5.2) 7S046LB6

TEMWELL CORPORATION

# Performance-TTS3241A-1075M

## 20110040DC

▷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 1 075.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1075.0000	-24.048	1> 1075.0000	-3.617
2: 1045.2000	-8.703	2: 1045.2000	-6.710
3: 1114.9000	-7.654	3: 1114.9000	-6.589
4: 925.0000	-0.065	4: 925.0000	-43.858
5: 1225.0000	-0.364	5: 1225.0000	-30.273