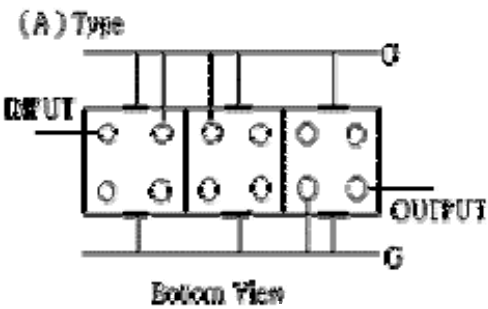
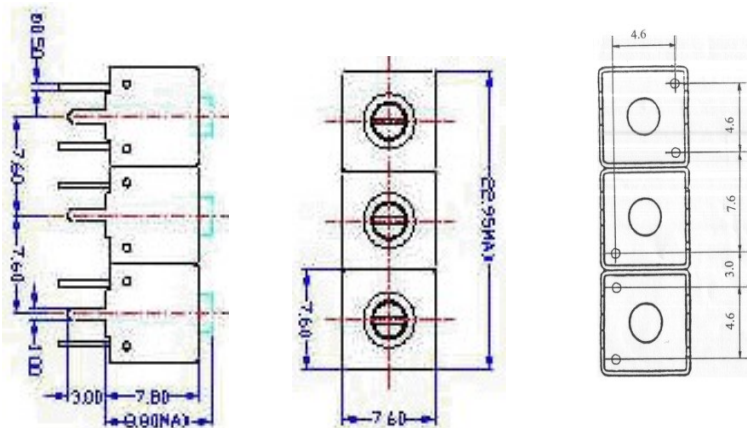


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3261A-1170M
Approval No. /dated	20104066DC	Acceptable Specify Fo. Range	1101~1180MHz
Work Instruction No.	20104066DC	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 %	1170 MHz	1170 MHz	
Tunable Range	1170 ±10 MHz	1170 ±10 MHz	
Insertion Loss	Typ. 4.5 dB	3.6 dB	
-3 dB Bandwidth	Typ. 21 MHz	27 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 48 dBc	51 dBc
	Fo + 100 MHz	Typ. 43 dBc	46 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	25.6 dB	
Ripple	< 1 dB	1 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

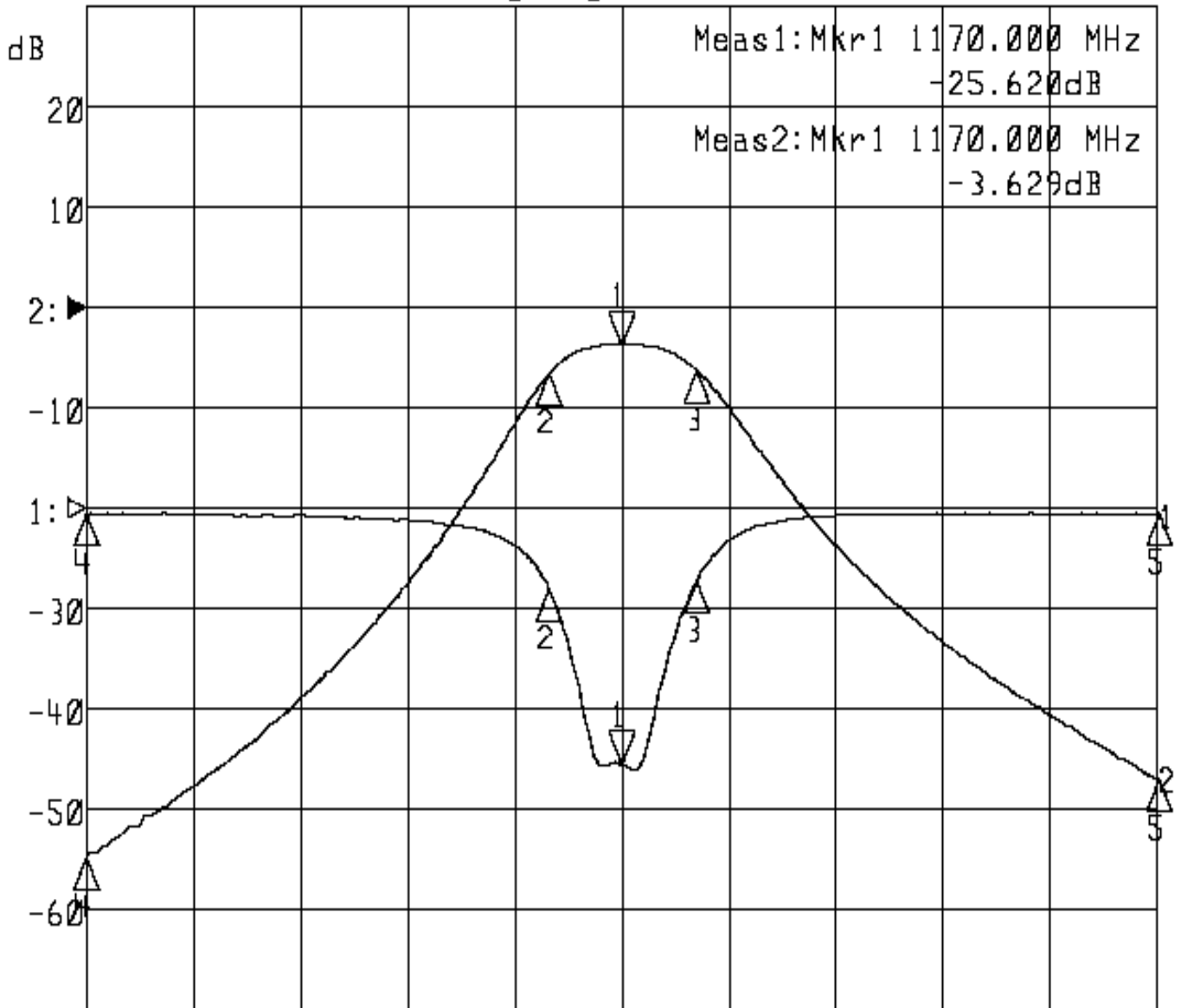
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3S (4*5.2) 7S046LB4

TEMWELL CORPORATION

# Performance-TTS3261A-1170M

## 20104066DC

▶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 1 170.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1170.0000	-25.620	1> 1170.0000	-3.629
2: 1156.4667	-8.040	2: 1156.4667	-6.583
3: 1184.1333	-7.189	3: 1184.1333	-6.261
4: 1070.0000	-0.593	4: 1070.0000	-54.709
5: 1270.0000	-0.607	5: 1270.0000	-46.974