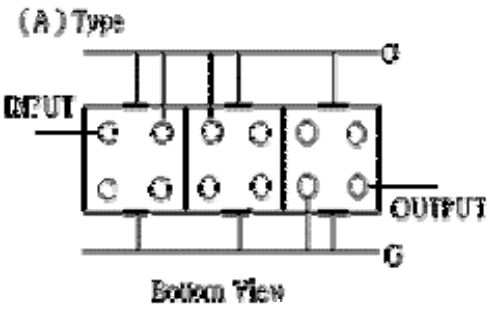
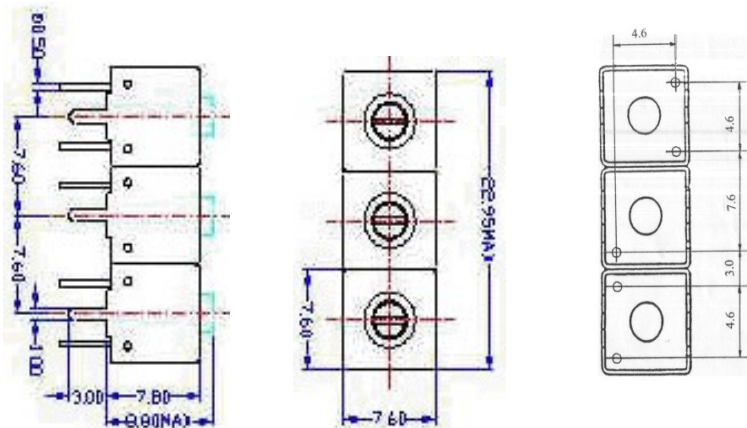


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3282A-1300M
Approval No. /dated	20104029DC	Acceptable Specify Fo. Range	1251~1300MHz
Work Instruction No.	20104029DC	Date	2001.4.16

<p>(1) Pin Position</p> 	<p>(2) Size Diagram</p> 
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(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1300 MHz	1300 MHz	
Tunable Range	1300 ±10 MHz	1300 ±10 MHz	
Insertion Loss	Typ. 4.0 dB	3.2 dB	
-3 dB Bandwidth	Typ. 27 MHz	39 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 42 dBc	45 dBc
	Fo + 100 MHz	Typ. 35 dBc	38 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20 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

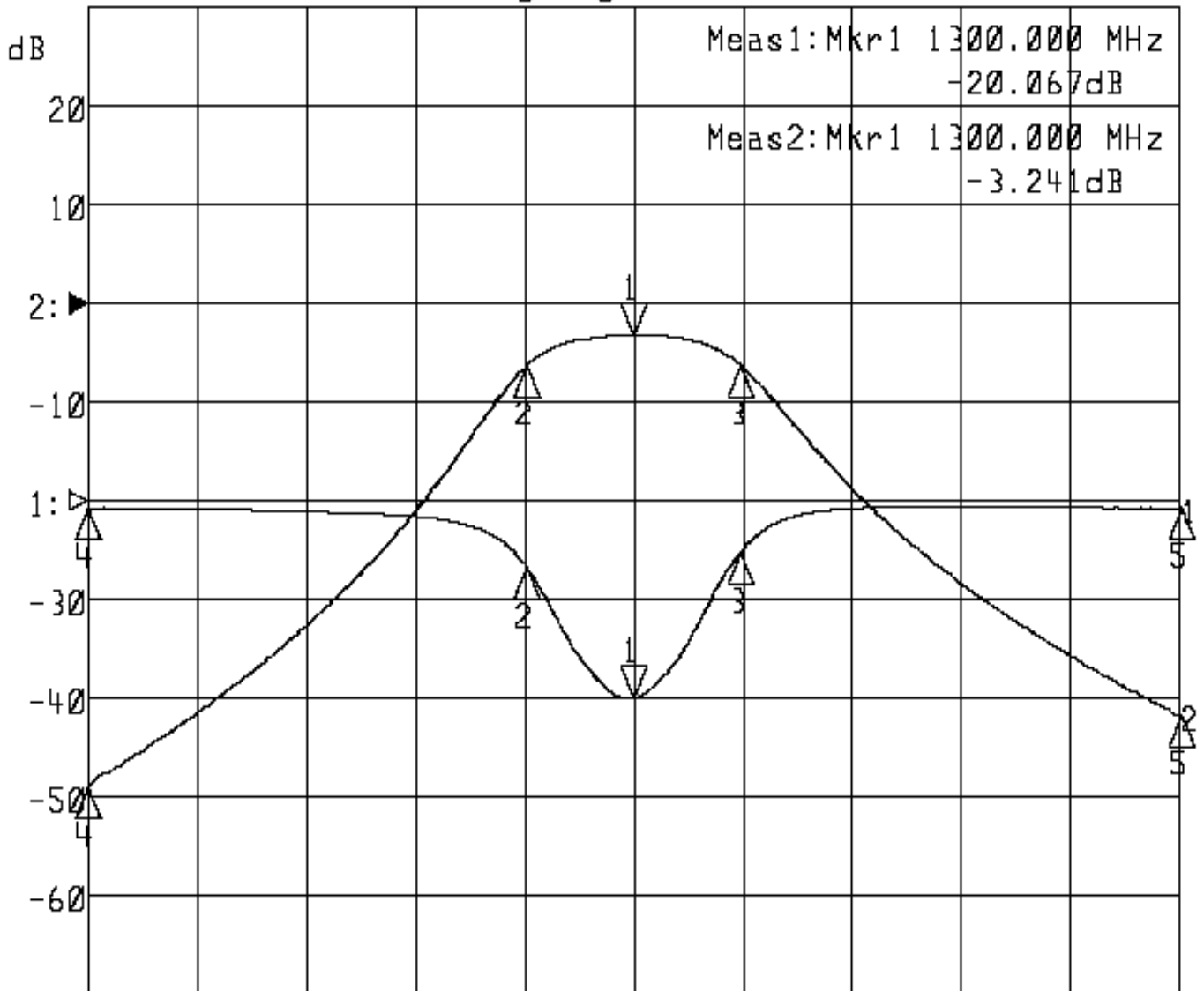
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3S (4*5.2) 7S046LB4

TEMWELL CORPORATION

# Performance-TTS3282A-1300M

## 20104029DC

▶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 1 300.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1300.0000	-20.067	1> 1300.0000	-3.241
2: 1280.5333	-6.797	2: 1280.5333	-6.239
3: 1319.6000	-5.163	3: 1319.6000	-6.259
4: 1200.0000	-0.801	4: 1200.0000	-48.911
5: 1400.0000	-0.842	5: 1400.0000	-41.708