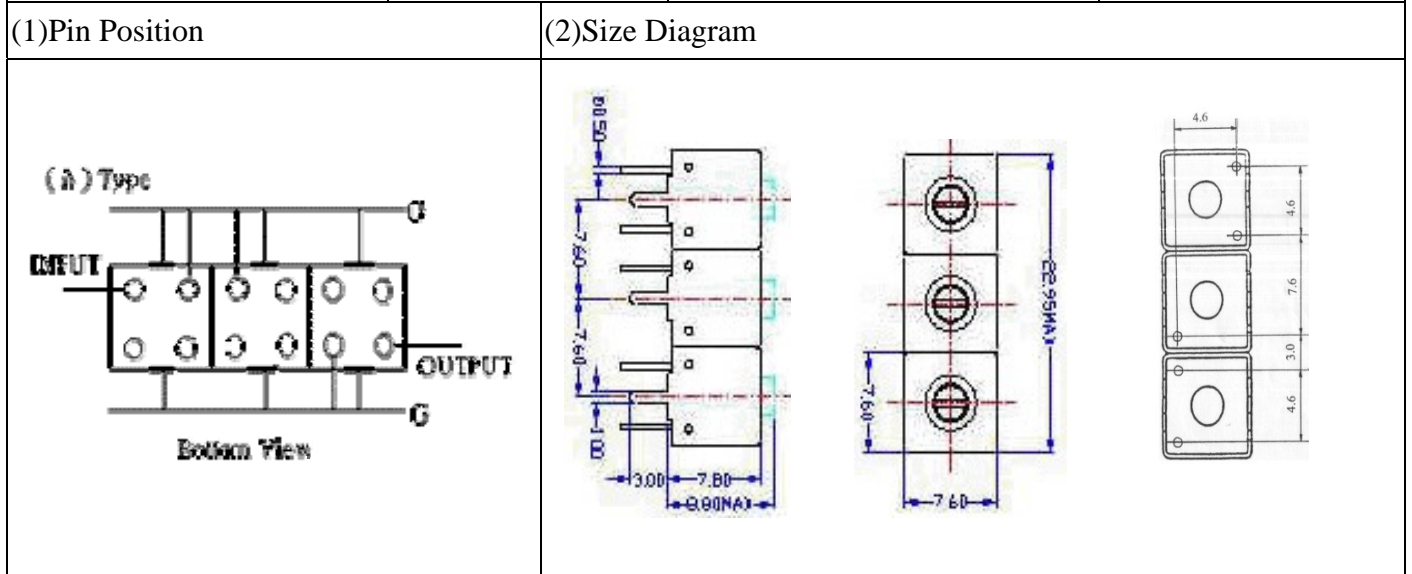


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3273A-1250M
Approval No. /dated	20110046DC	Acceptable Specify Fo. Range	1181~1250MHz
Work Instruction No.	20110046DC	Date	2001.10.22



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	1250 MHz	1250 MHz	
Tunable Range	1250 ±10 MHz	1250 ±10 MHz	
Insertion Loss	Typ. 4.5 dB	3.5 dB	
-3 dB Bandwidth	Typ. 68 MHz	74 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 35 dBc	38 dBc
	Fo + 150 MHz	Typ. 22 dBc	25 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	27.2 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 > 1 Watt

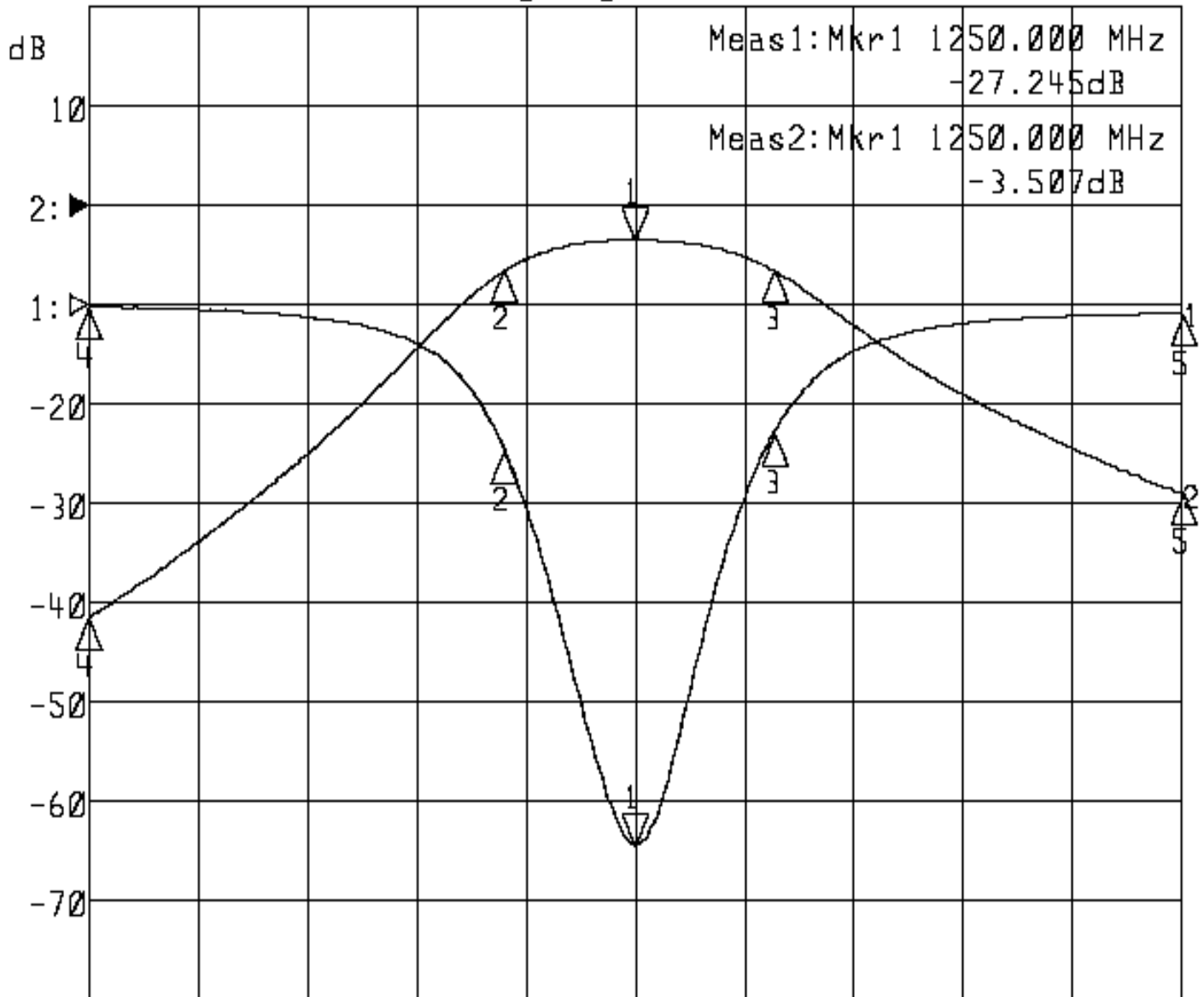
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3S(4*5.2) 7S046LB6

TEMWELL CORPORATION

# Performance-TTS3273A-1250M

## 20110046DC

▷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 1 250.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1250.0000	-27.245	1> 1250.0000	-3.507
2: 1214.3000	-7.338	2: 1214.3000	-6.566
3: 1288.1000	-6.438	3: 1288.1000	-6.530
4: 1100.0000	-0.111	4: 1100.0000	-41.593
5: 1400.0000	-0.468	5: 1400.0000	-29.057