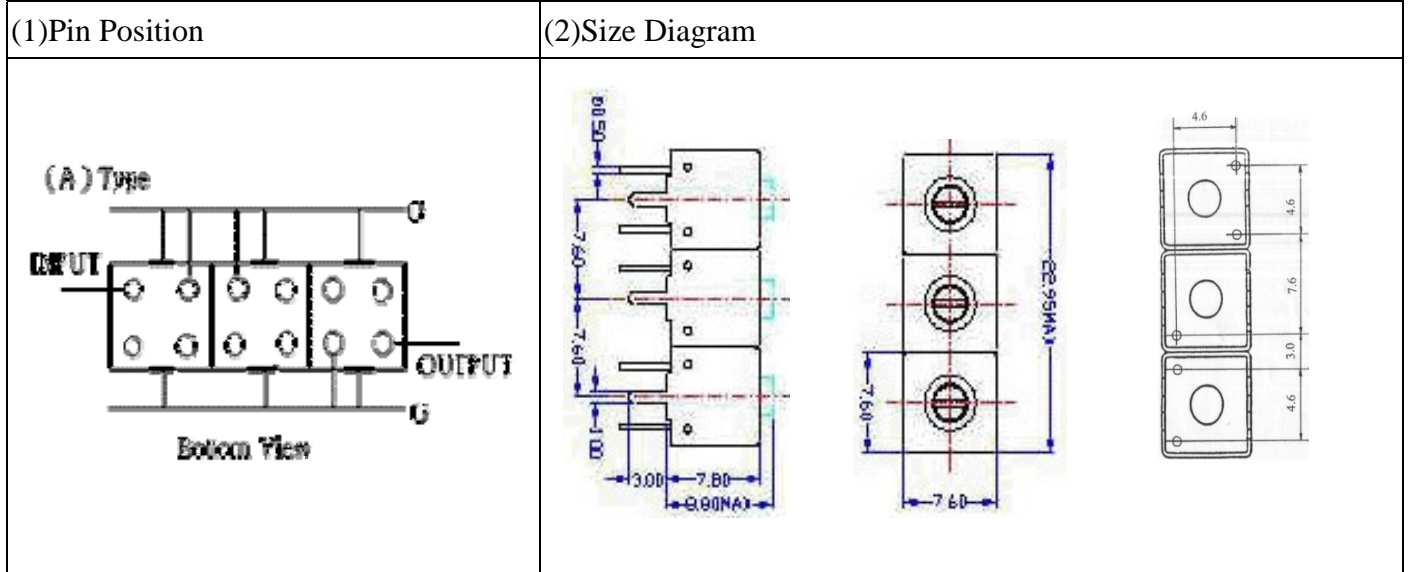


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3274A-1270M
Approval No. /dated	20110072DC	Acceptable Specify Fo. Range	1251~1300MHz
Work Instruction No.	20110072DC	Date	2001.10.25



(3) Electric Character

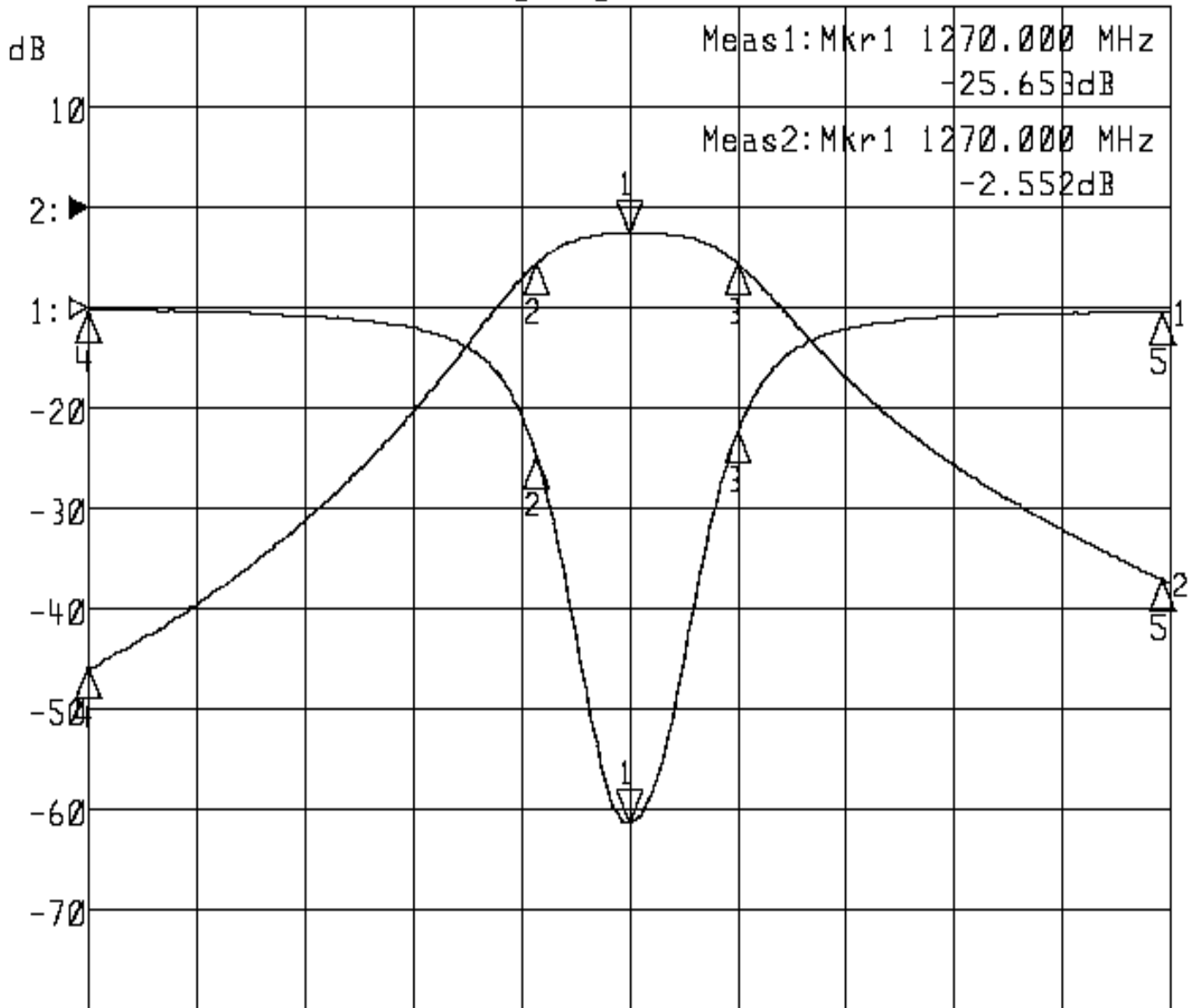
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1270 MHz	1270 MHz	
Tunable Range	1270 ±10 MHz	1270 ±10 MHz	
Insertion Loss	Typ. 3.5 dB	2.5 dB	
-3 dB Bandwidth	Typ. 32 MHz	38 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 40 dBc	
	Fo + 100 MHz	Typ. 32 dBc	
	Fo - ()MHz	Typ. dBc	
	Fo +()MHz	Typ. dBc	
Return Loss	Min. 12 dB	25.6 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*5.2) 7S046LB4

TEMWELL CORPORATION

Performance-TTS3274A-1270M

20110072DC

►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 1 270.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1270.0000	-25.653	1> 1270.0000	-2.552
2: 1252.9333	-7.392	2: 1252.9333	-5.525
3: 1290.0667	-6.160	3: 1290.0667	-5.556
4: 1170.0000	-0.129	4: 1170.0000	-45.860
5: 1368.2000	-0.220	5: 1368.2000	-37.047