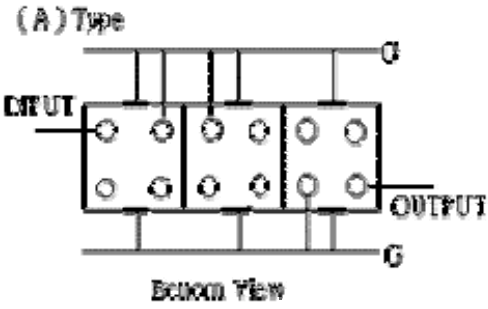
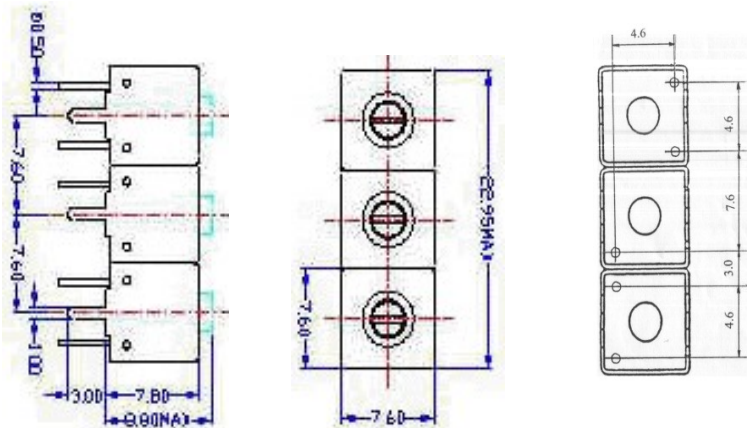


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3283A-1310M
Approval No. /dated	20110048DC	Acceptable Specify Fo. Range	1301~1350MHz
Work Instruction No.	20110048DC	Date	2001.10.30

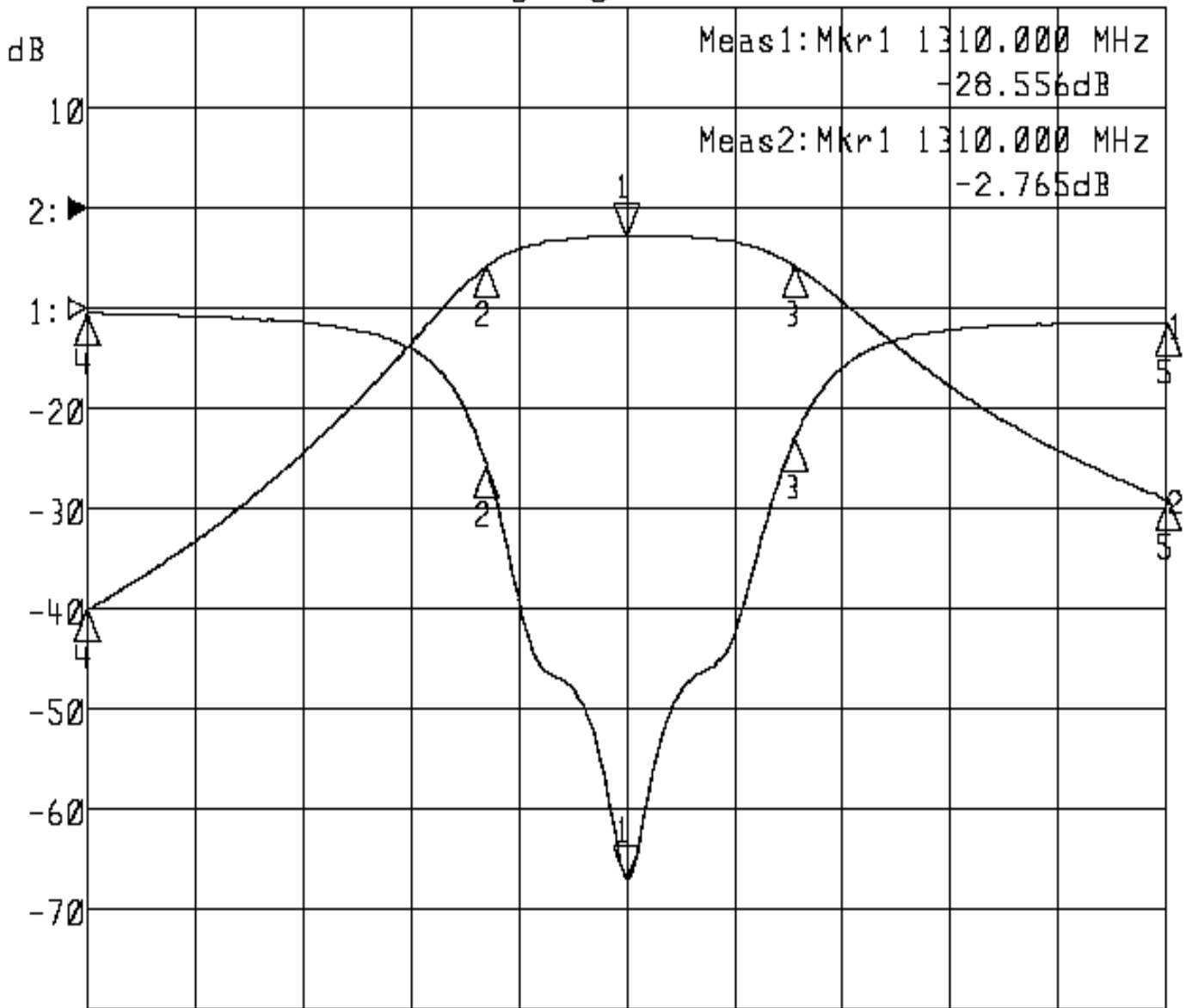
(1)Pin Position	(2)Size Diagram
 <p>(A) Type Back View</p>	

(3)Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1310 MHz	1310 MHz
Tunable Range		1310 ±10 MHz	1310 ±10 MHz
Insertion Loss		Typ. 3.5 dB	2.7 dB
-3 dB Bandwidth		Typ. 78 MHz	85 MHz
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 33 dBc	36 dBc
	Fo + 150 MHz	Typ. 23 dBc	26 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	28.5 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) 7S046LB6
TEMWELL CORPORATION			

Performance-TTS3283A-1310M

20110048DC

▶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 1 310.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1310.0000	-28.556	1> 1310.0000	-2.765
2: 1271.3000	-7.925	2: 1271.3000	-5.789
3: 1356.7000	-6.518	3: 1356.7000	-5.762
4: 1160.0000	-0.279	4: 1160.0000	-40.023
5: 1460.0000	-0.760	5: 1460.0000	-29.071