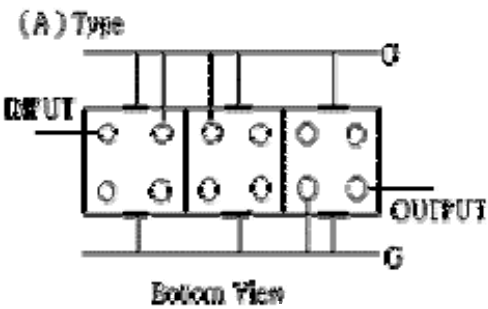
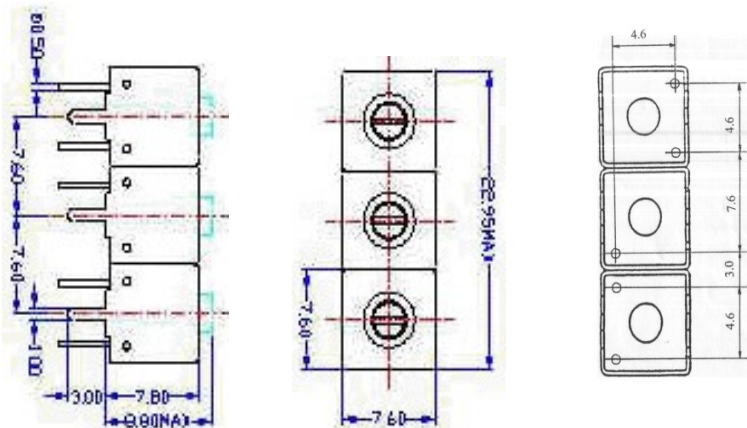


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3272A-1220M
Approval No. /dated	20112013DB	Acceptable Specify Fo. Range	1181~1250MHz
Work Instruction No.	20112013DB	Date	2002.02.06.

<p>(1) Pin Position</p>  <p>(A) Type Bottom View</p>	<p>(2) Size Diagram</p> 
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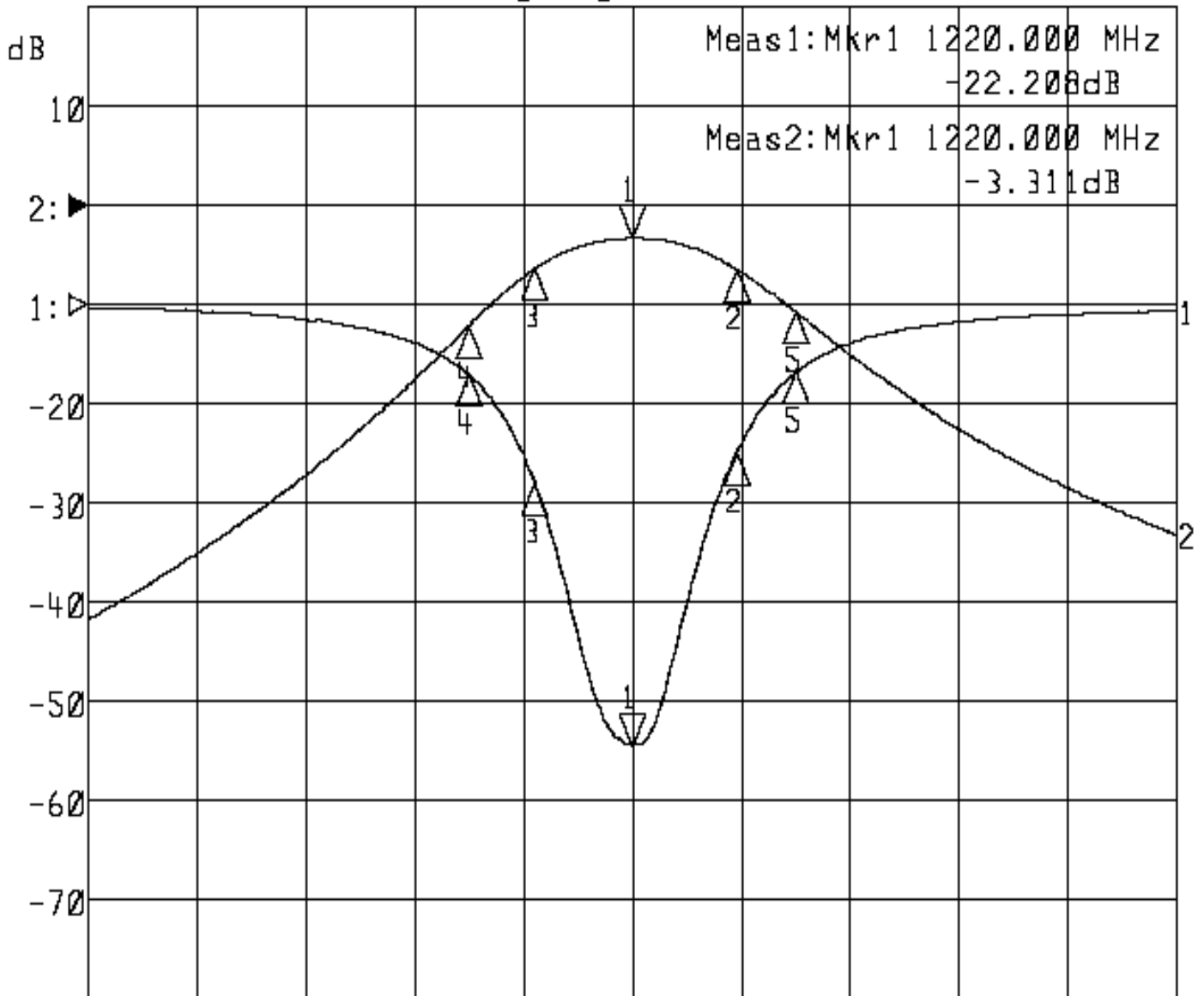
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1220 MHz	1220 MHz
Tunable Range		1220 ±10 MHz	1220 ±10 MHz
Insertion Loss		Typ. 4.0 dB	3.3 dB
-3 dB Bandwidth		Typ. 30 MHz	37 MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 6.0 dBc	9.0 dBc
	Fo + 30 MHz	Typ. 4.0 dBc	7.0 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	22.2 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*3.5) 7S046LB6

TEMWELL CORPORATION

Performance-TTS3272A-1220M

20112013DB

▷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 1 220.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1220.0000	-22.208	1> 1220.0000	-3.311
2: 1239.0667	-7.484	2: 1239.0667	-6.380
3: 1202.2000	-9.019	3: 1202.2000	-6.333
4: 1190.0000	-3.540	4: 1190.0000	-12.167
5: 1250.0000	-3.410	5: 1250.0000	-10.728