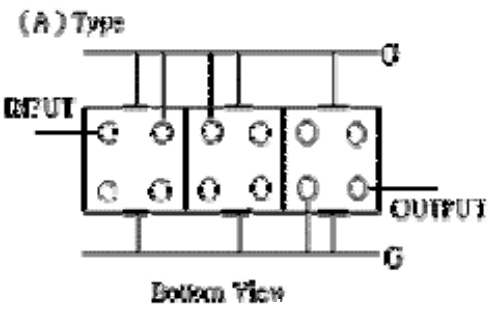
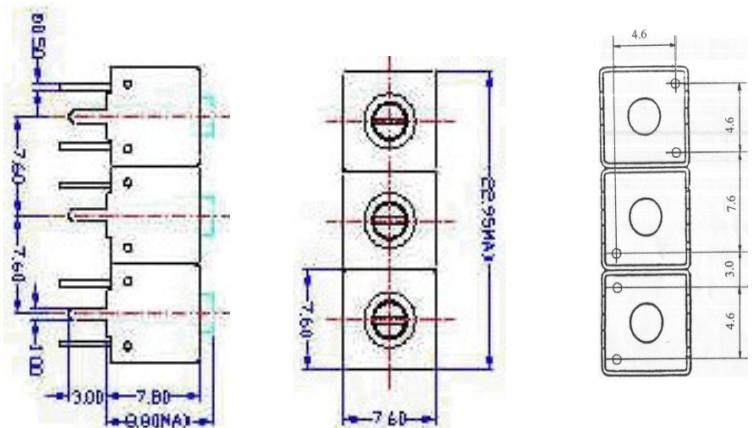


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3251A-1130M
Approval No. /dated	20110042DC	Acceptable Specify Fo. Range	1101~1180MHz
Work Instruction No.	20110042DC	Date	2001.10.19

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

(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1130 MHz	1130 MHz	
Tunable Range	1130 ±10 MHz	1130 ±10 MHz	
Insertion Loss	Typ. 3.0 dB	2.2 dB	
-3 dB Bandwidth	Typ. 72 MHz	78 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 37 dBc	40 dBc
	Fo + 150 MHz	Typ. 26 dBc	29 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	14.3 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

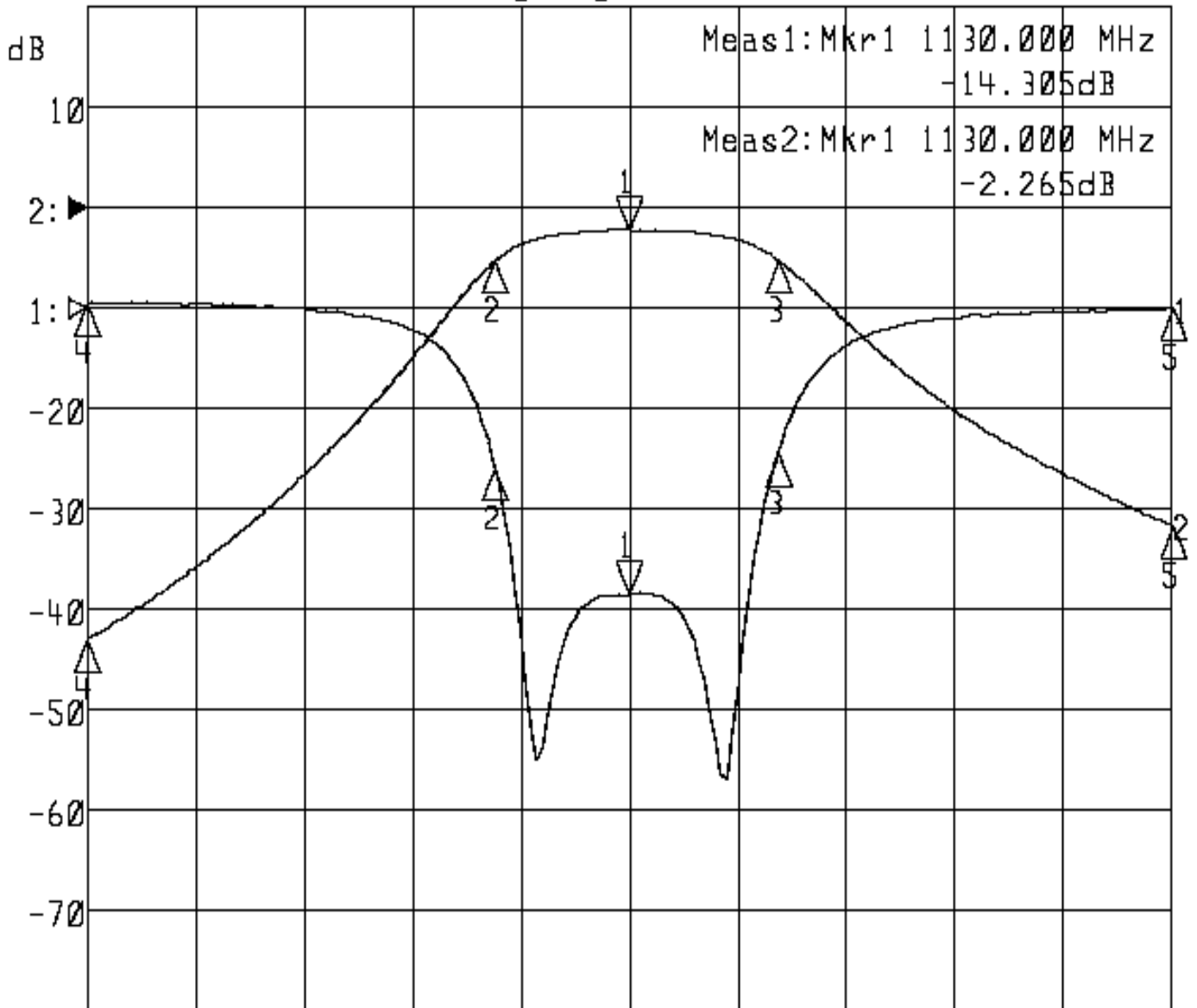
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3 (4*5.2) 7S046LB6

TEMWELL CORPORATION

Performance-TTS3251A-1130M

20110042DC

►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 1 130.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1130.0000	-14.305	1> 1130.0000	-2.265
2: 1093.1000	-8.047	2: 1093.1000	-5.226
3: 1171.1000	-7.241	3: 1171.1000	-5.222
4: 980.0000	0.246	4: 980.0000	-42.957
5: 1280.0000	-0.054	5: 1280.0000	-31.632