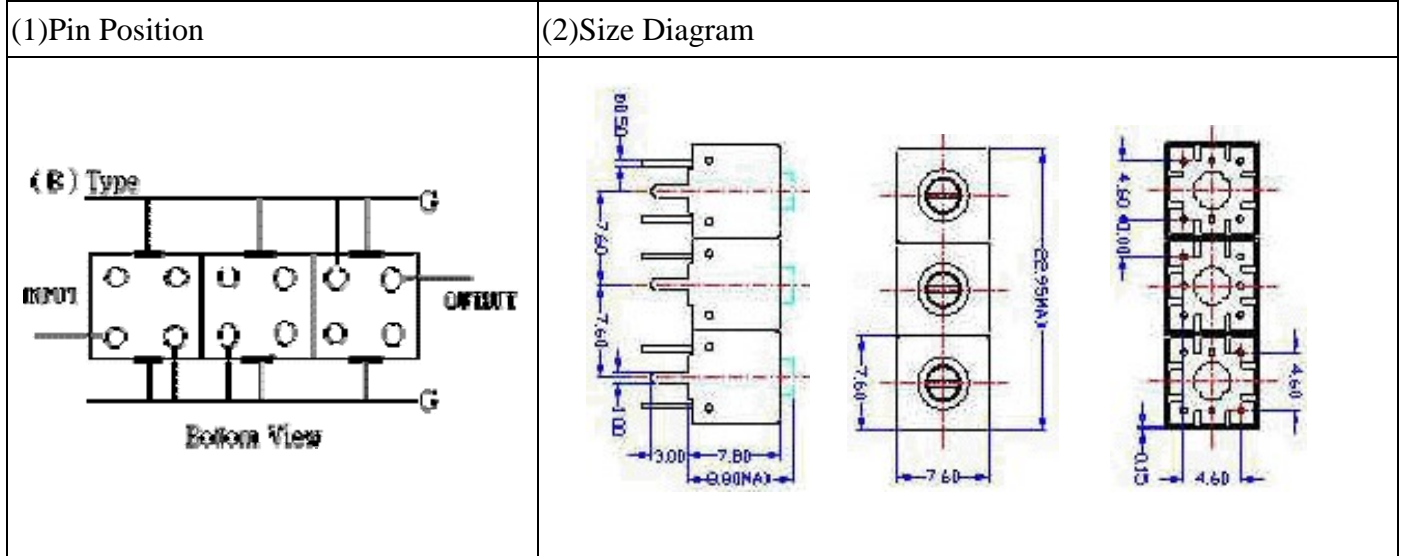


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3024B-268M
Approval No. /dated	20105010DC	Acceptable Specify Fo. Range	246~275MHz
Work Instruction No.	20105010DC	Date	2001.05.09



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	268 MHz	268 MHz	
Tunable Range	268±4 MHz	268±4 MHz	
Insertion Loss	Typ. 5.5 dB	4.5 dB	
-1 dB Bandwidth	Typ. 6.5 MHz	9.0 MHz	
-3 dB Bandwidth	Typ. 11.5 MHz	14 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 55 dBc	58 dBc
	Fo + 50 MHz	Typ. 65 dBc	71 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	17.2 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 > 1Watt

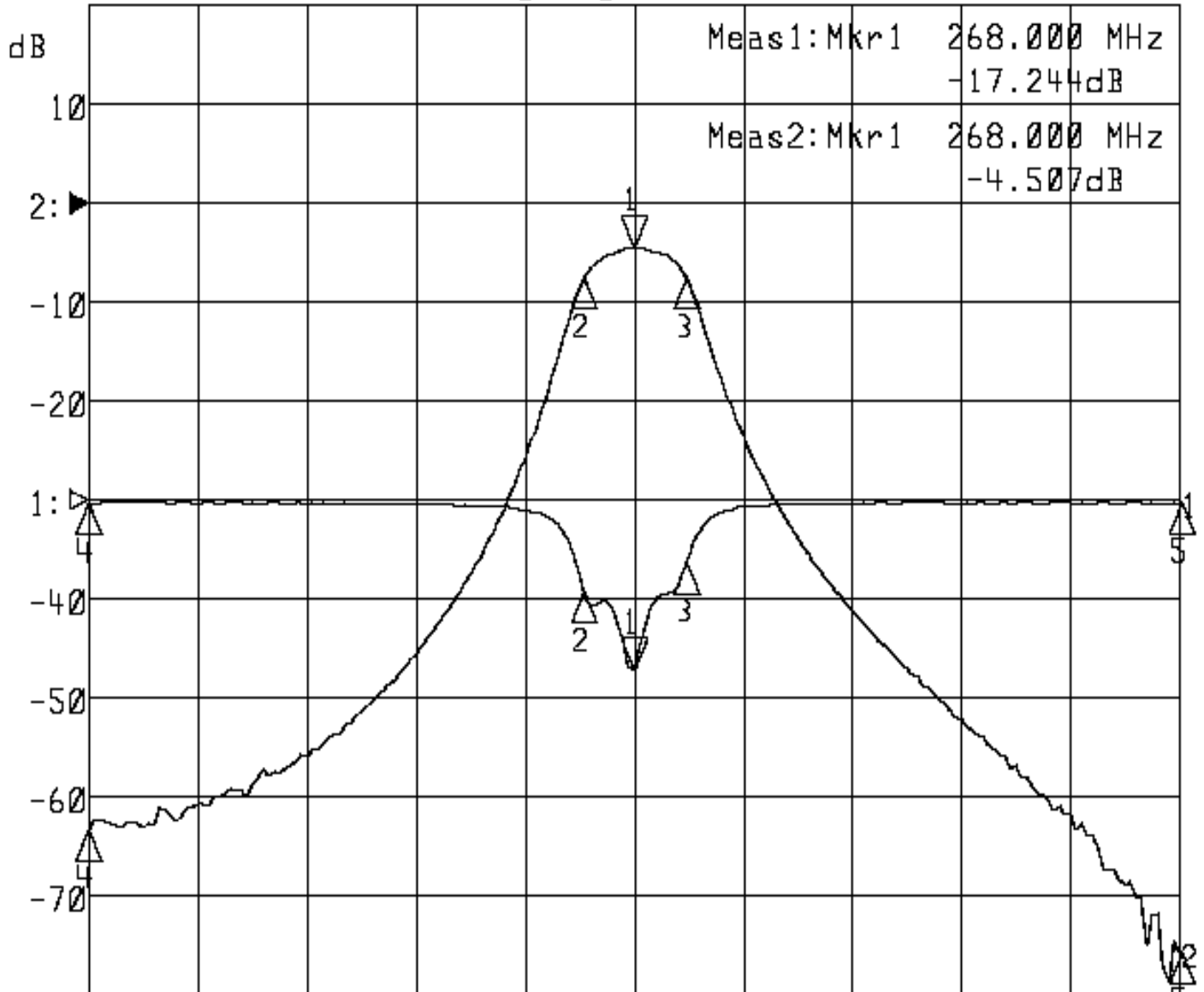
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3S(4*3.5) 7S00LB5

TEMWELL CORPORATION

Performance- TTS3024B-268M

20105010DC

▸1:S11 Refl Port1 Log Mag 10.0 dB/ Ref 0.00 dB C
 ▾2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 268.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 268.0000	-17.244	1> 268.0000	-4.507
2: 263.4000	-9.201	2: 263.4000	-7.542
3: 272.8000	-6.248	3: 272.8000	-7.550
4: 218.0000	-0.278	4: 218.0000	-63.294
5: 318.0000	-0.363	5: 318.0000	-75.816