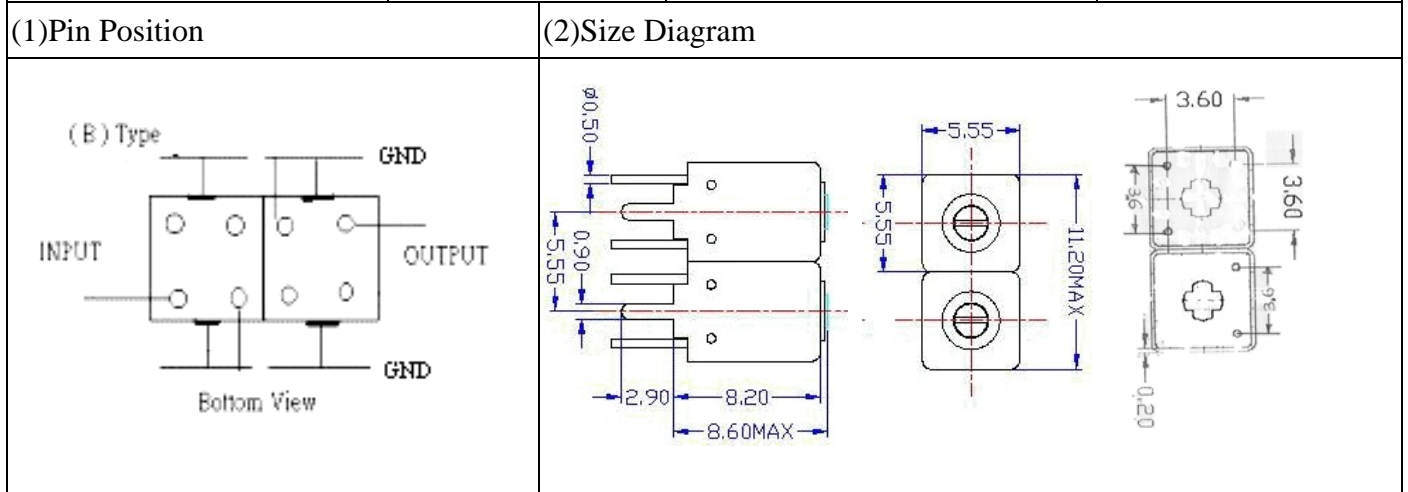


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2424B-403M
Approval No. /dated	20407068B	Acceptable Specify Fo. Range	401~450MHz
Work Instruction No.	20407068B	Date	July.27.2004



(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	403 MHz	403 MHz	
Tunable Range:	403±5 MHz	403±5 MHz	
Insertion Loss	Typ. 4.0 dB	3.22 dB	
-3 dB Bandwidth	Typ. 13 MHz	18 MHz	
Sensitivity (Attenuation)	Fo - 60 MHz	Typ. 27 dBc	30 dBc
	Fo + 60 MHz	Typ. 32 dBc	35 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	36 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4)Torque for Tuning Screw > 60gf • cm

(5)Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

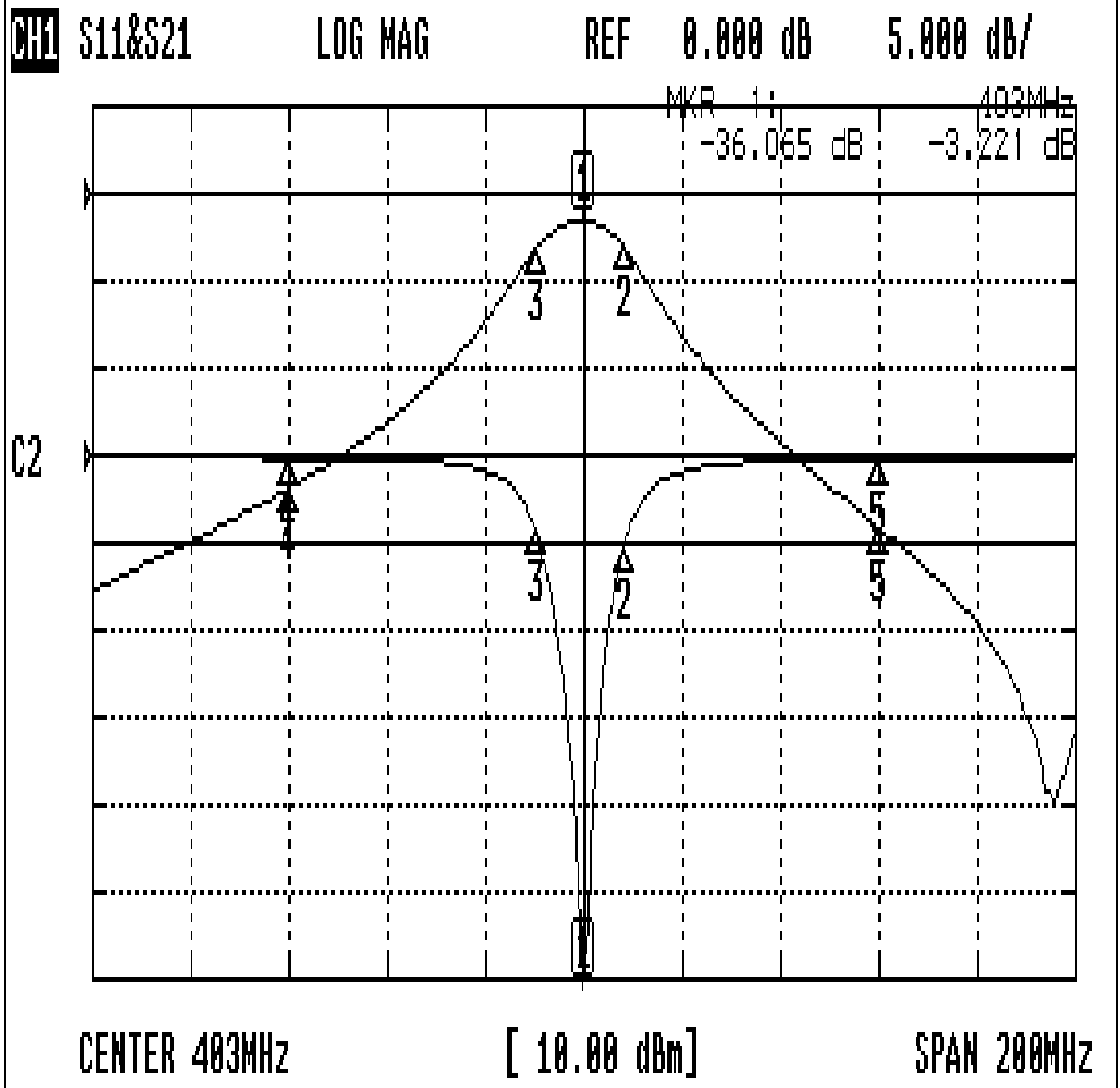
(6)Input Power > 0.5Watt

Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	5W2S(3.8*3.5(3.8*3.61) 5HW00LB3

TEMWELL CORPORATION

Performance- TDW2424B-403M

20407068B



CH1 MARKER LIST

1:	403.000MHz	-36.065 dB	-3.221 dB
2:	411.333MHz	-5.151 dB	-6.278 dB
3:	393.333MHz	-4.308 dB	-6.293 dB
4:	343.000MHz	-0.141 dB	-33.684 dB
5:	463.000MHz	-0.185 dB	-38.286 dB