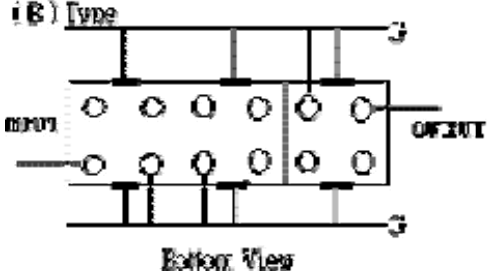
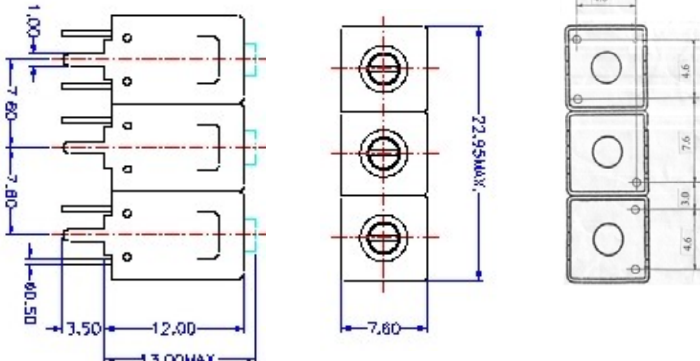


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67371B-77M
Approval No. /dated	2008128DC	Acceptable Specify Fo. Range	76~85MHz
Work Instruction No.	2008128DC	Date	Aug.30.2000

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

(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	77 MHz	77 MHz	
Tunable Range	77±2 MHz	77±2 MHz	
Insertion Loss	Typ. 2.5 dB	1.5 dB	
-3 dB Bandwidth	Typ. 17 MHz	18 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 44 dBc	47 dBc
	Fo + 50 MHz	Typ. 51 dBc	54 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	17 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4)Torque for Tuning Screw	> 100gf • cm
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(5)Temperature Condition:

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

(6)Input Power	> 1Watt
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Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*8.0) 7H00LB6

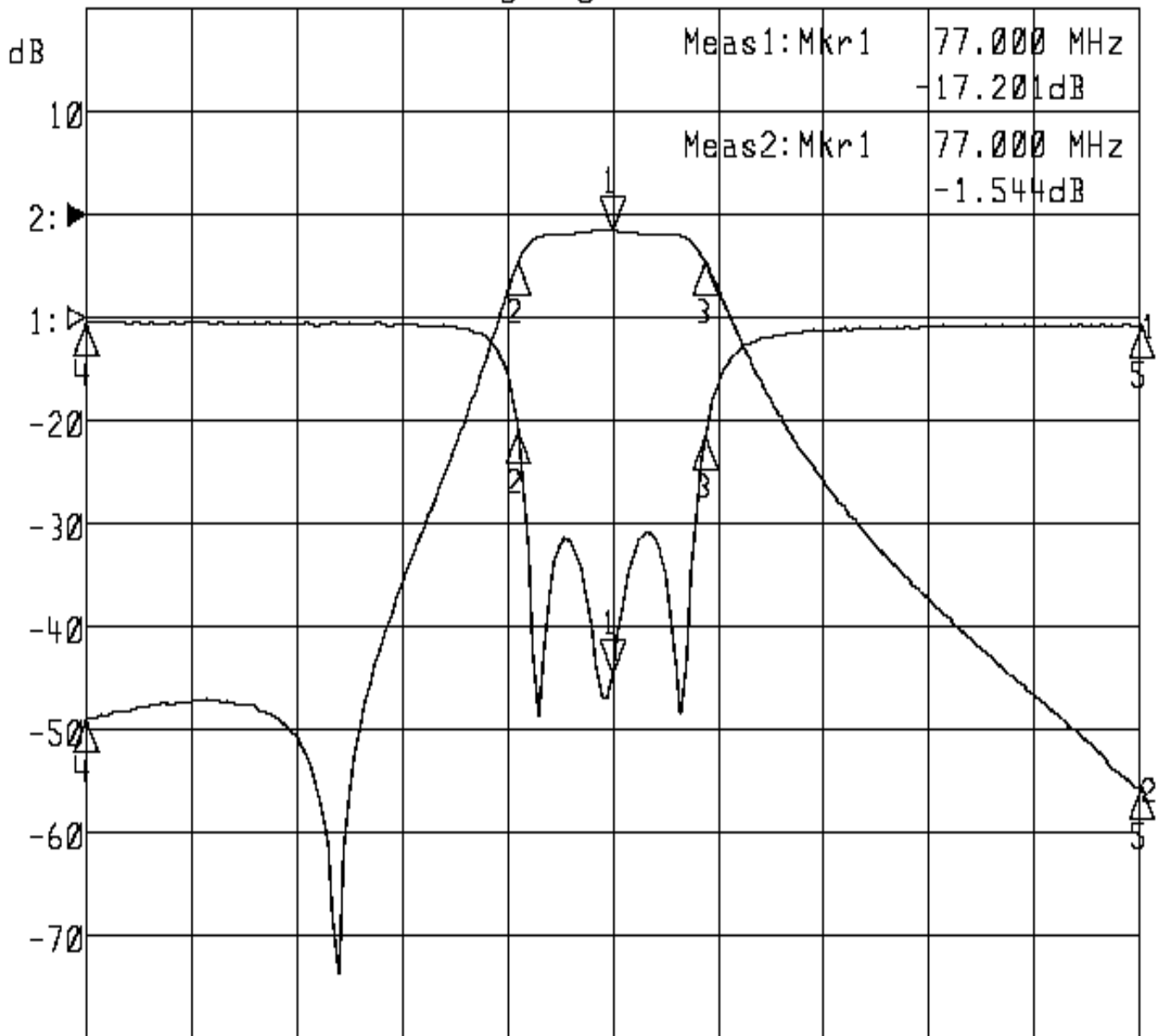
TEMWELL CORPORATION

Performance-TT67371B-77M

2008128DC

▶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 77.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 77.0000	-17.201	1> 77.0000	-1.544
2: 68.0667	-5.505	2: 68.0667	-4.524
3: 85.8333	-5.708	3: 85.8333	-4.541
4: 27.0000	-0.231	4: 27.0000	-49.014
5: 127.0000	-0.375	5: 127.0000	-55.597