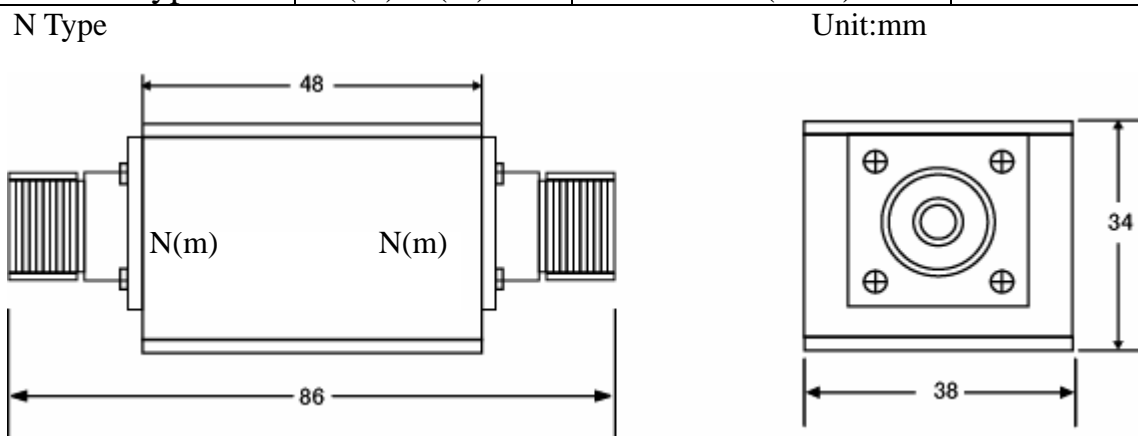


TM Module Filter Specification Sheet

Customer Name		Temwell's Part No.	TM-TT67188B-70M-4M N
Approval No. /dated	2000088DC	Customer's Part No.	
Work Instruction No.	2000088DC	Date	Aug.13.2001
Case Name	TM	Built in Filter:	TT67188B-(68-70)M
Terminator Type	N(m)/N(m)	Case size : (mm)	48*38*34



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	70 MHz	70 MHz
Insertion Loss	Typ. 5.0 dB	3.8 dB
-3 dB Bandwidth	Typ. 4 MHz	5 MHz
Sensitivity (Attenuation)	Fo - (10) MHz	Typ. 42 dB
	Fo + (10) MHz	Typ. 33 dB
	Fo - () MHz	Typ. dB
	Fo + () MHz	Typ. dB
Return Loss	Min. 12 dB	19 dB
Ripple	< 1 dB	dB
Group Delay	ns	ns
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

4. Temperature Condition:

Operating Temperature	-30 ~ +70
Storage Temperature	-30 ~ +80

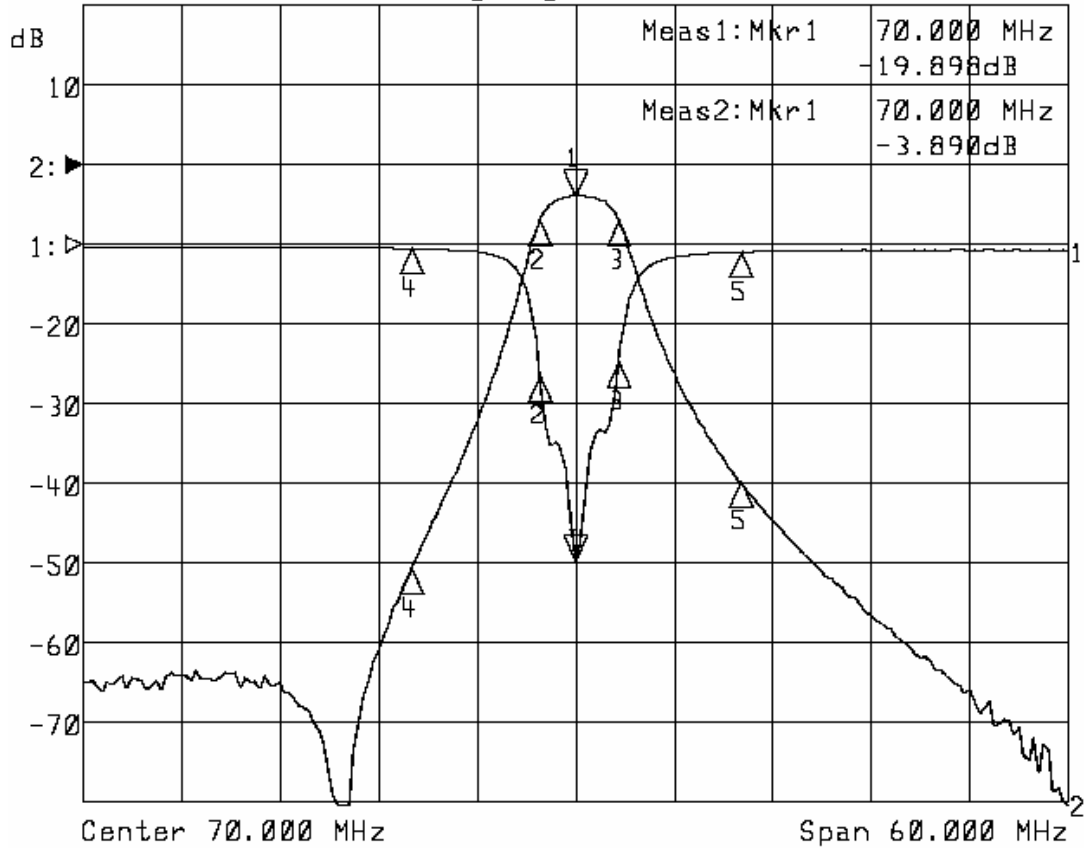
Approval	Supervisor	Designer	
C.Y. Chang	C.S.Chang	C.S.Chang	

TEMWELL CORPORATION

Performance-TM-TT67188B-70M-4MN

2000088DC

▷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



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 70.0000	-19.898	1> 70.0000	-3.890
2: 67.8400	-8.195	2: 67.8400	-6.898
3: 72.6200	-7.332	3: 72.6200	-6.877
4: 60.0000	-0.305	4: 60.0000	-50.759
5: 80.0000	-0.491	5: 80.0000	-39.787