

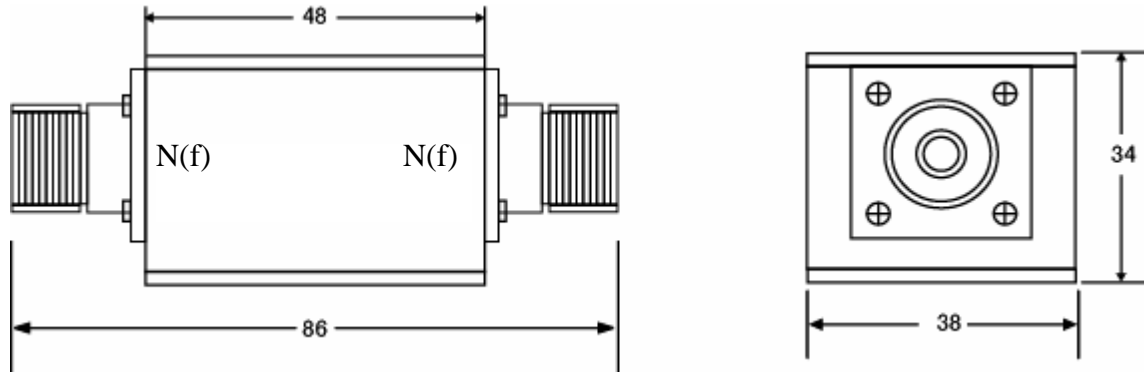
TM Module Filter Specification Sheet

Issued Dated :

Customer Name		Temwell's Part No.	TM-TT67294B-415M-30MN
Approval No. /dated	20409012APR	Customer's Part No.	
Work Instruction No.	20409012DC	Date	Dec.22.2005
Case Name	TM	Temwell,s print name	
Terminator Type	N(f)/N(f)	Case size : (mm)	48*38*34

N Type

Unit:mm



(3) Electric Character

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	415 MHz	415 MHz
Insertion Loss	Typ. 2.5 dB	1.03 dB
-3 dB Bandwidth	Typ. 28 MHz	31.2 MHz
Sensitivity (Attenuation)	Fo -(100) MHz	Typ. 64 dB
	Fo +(100) MHz	Typ. 59 dB
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	45 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

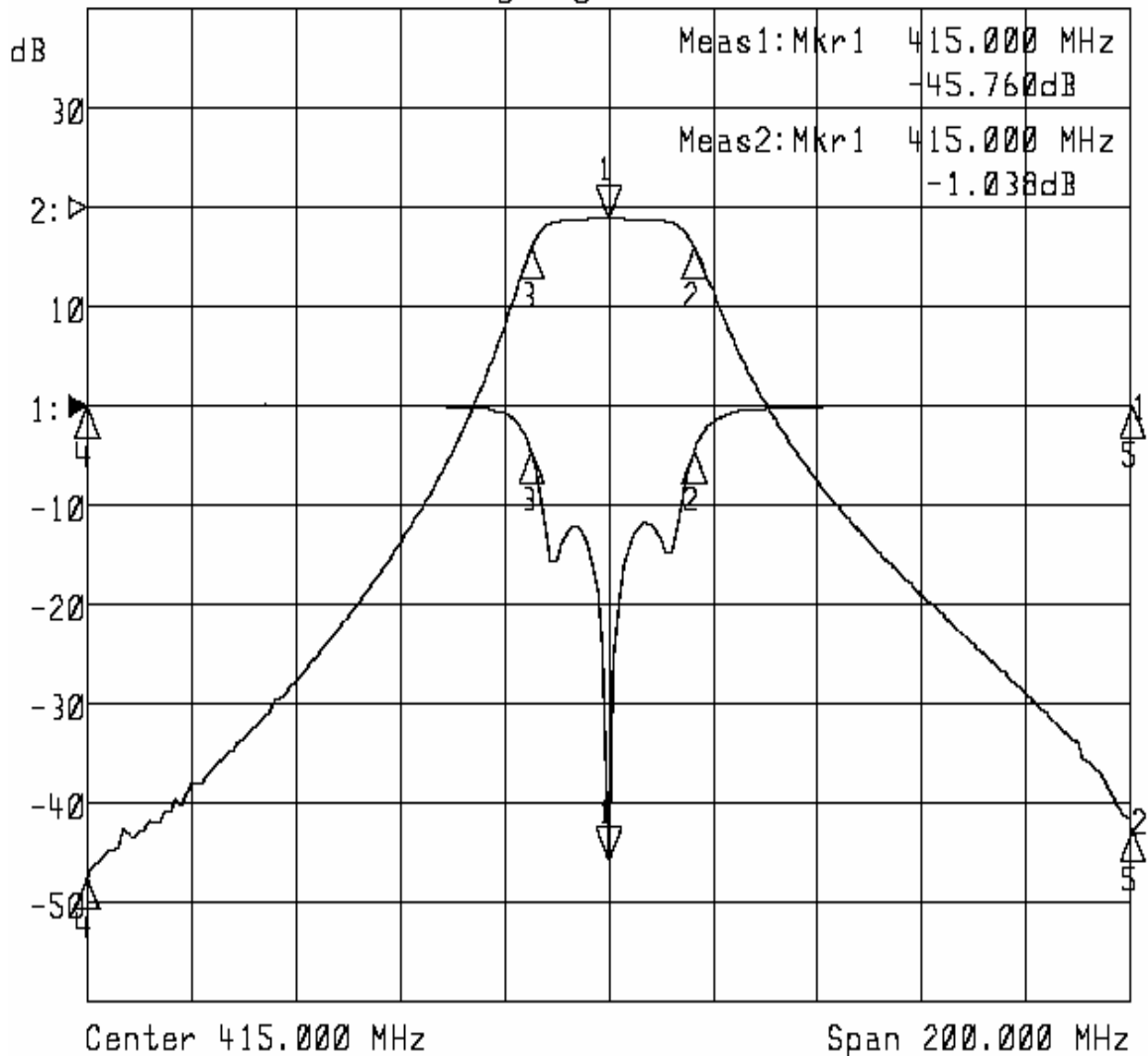
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3B(41 *12)

TEMWELL CORPORATION

Performance-TM-TT67294B-415M-28MN

20409012DC

►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



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 415.0000	-45.760	1> 415.0000	-1.038
2: 431.4667	-4.531	2: 431.4667	-3.986
3: 400.2000	-4.558	3: 400.2000	-4.111
4: 315.0000	0.035	4: 315.0000	-67.547
5: 515.0000	0.019	5: 515.0000	-62.851