

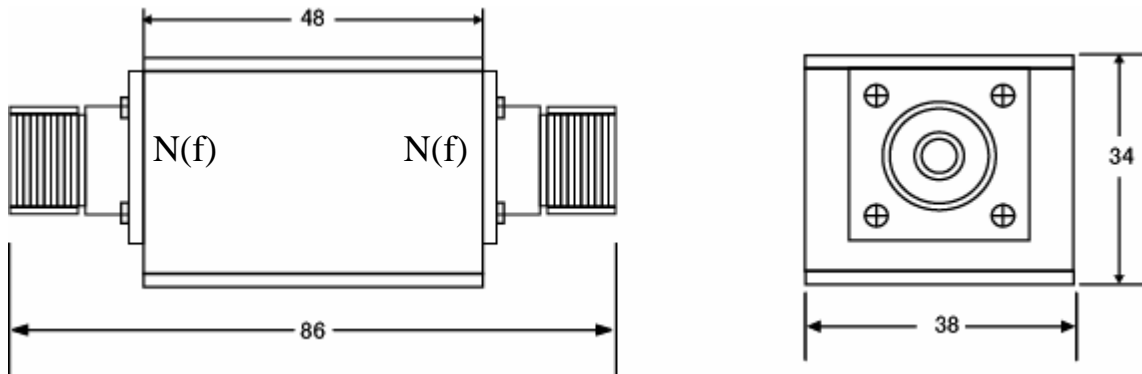
## TM Module Filter Specification Sheet

Issued Dated :

|                      |             |   |                         |
|----------------------|-------------|---|-------------------------|
| Customer Name        |             | Temwell's Part No.                            | TM-TT67629B-421.5M-35MN |
| Approval No. /dated  | 20409017APR | Customer's Part No.                           |                         |
| Work Instruction No. | 20409017DC  | Date  | Dec.22.2005             |
| Terminator Type      | N(f)/N(f)   | <input type="checkbox"/> Temwell,s print name |                         |
| Case Name            | TM          | Case size : ( mm)                             | 48*38*34                |

N Type

Unit:mm



### (3) Electric Character

| Item                         | Specify         | Performance     |
|------------------------------|-----------------|-----------------|
| Center Freq.(Fo ) +/- 0.5 %  | 421.5 MHz       | 421.5 MHz       |
| Insertion Loss               | Typ. 2.5 dB     | 1.34 dB         |
| -3 dB Bandwidth              | Typ. 35 MHz     | 38.5 MHz        |
| Sensitivity<br>(Attenuation) | Fo -(50) MHz    | Typ. 28 dB      |
|                              | Fo +(50) MHz    | Typ. 22 dB      |
|                              | Fo - ( )MHz     | Typ. dB         |
|                              | Fo +( )MHz      | Typ. dB         |
| Return Loss                  | Min. 12 dB      | 23.0 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 |

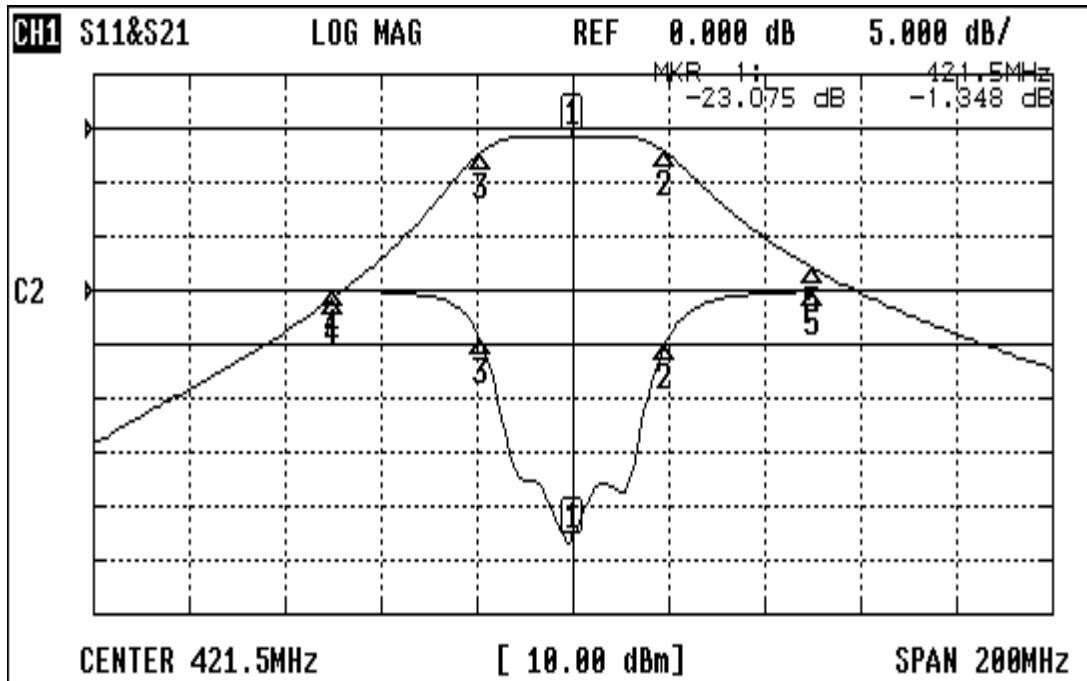
|            |            |            |               |
|------------|------------|------------|---------------|
| Approval   | Supervisor | Designer   | Aperture size |
| C.Y. Chang | C.S. Chang | C.S. Chang | 7H3B(41*12)   |

**TEMWELL CORPORATION**

BP : C.S. Chang

# Performance-TM-TT67629B-421.5M-35MN

## 20409017DC



### CH1 MARKER LIST

|     |            |            |            |
|-----|------------|------------|------------|
| 1:  | 421.500MHz | -23.075 dB | -1.348 dB  |
| 2:  | 440.833MHz | -5.043 dB  | -4.310 dB  |
| 3:  | 402.333MHz | -4.519 dB  | -4.452 dB  |
| 4:  | 371.500MHz | -0.024 dB  | -31.437 dB |
| 5:  | 471.500MHz | -0.088 dB  | -25.835 dB |
| 6:  |            |            |            |
| 7:  |            |            |            |
| 8:  |            |            |            |
| 9:  |            |            |            |
| 10: |            |            |            |