

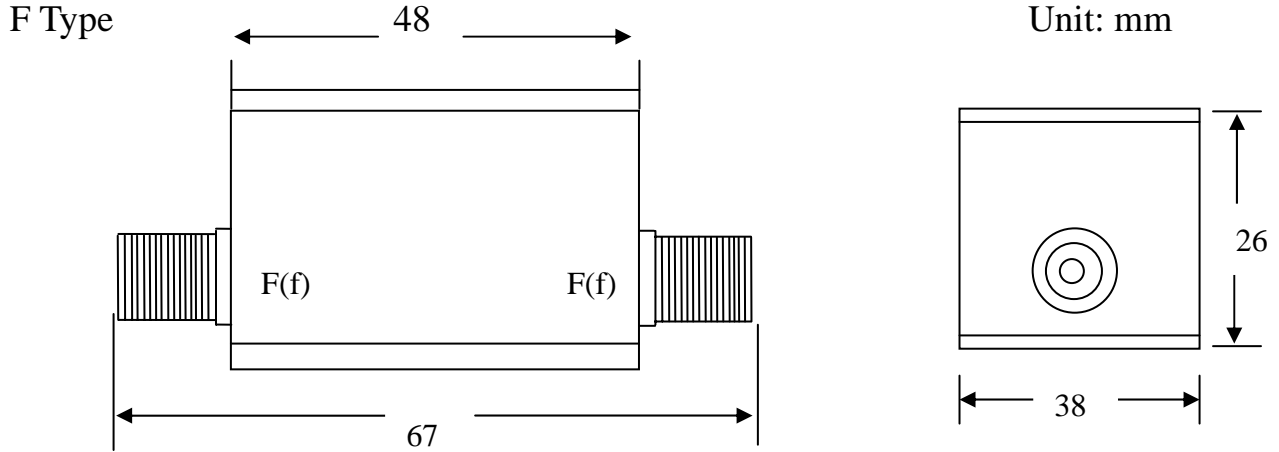


Customized UHF SHF Filter & Miniature Duplexer

TM Module Filter Specification Sheet

Issued Dated :

| | | | |
|----------------------|-------------|---|------------------------|
| Customer Name | | Temwell's Part No. | TM-TTL6829B-207.5M-5MF |
| Approval No. /dated | 20408076APR | Customer's Part No. | |
| Work Instruction No. | 20408076DC | Date | Dec.01.2005 |
| Terminator Type | F(f)/F(f) | <input type="checkbox"/> Temwell,s print name | |
| Case Name | TM | Case size : (mm) | 48*38*26 |



(3) Electric Character

| Item | Specify | Performance |
|------------------------------|-----------------|-----------------|
| Center Freq.(Fo) +/- 0.5 % | 207.5 MHz | 207.5 MHz |
| Insertion Loss | Typ. 4.5 dB | 3.16 dB |
| -3 dB Bandwidth | Typ. 5 MHz | 8.0 MHz |
| Sensitivity (Attenuation) | Fo -(10) MHz | Typ. 25 dB |
| | Fo +(10) MHz | Typ. 24 dB |
| | Fo - ()MHz | Typ. dB |
| | Fo +()MHz | Typ. dB |
| Return Loss | Min. 12 dB | 19.5 dB |
| Ripple | < 1 dB | dB |
| Group Delay | ns | ns |
| Impedance | In / Out : 75 Ω | In / Out : 75 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) |

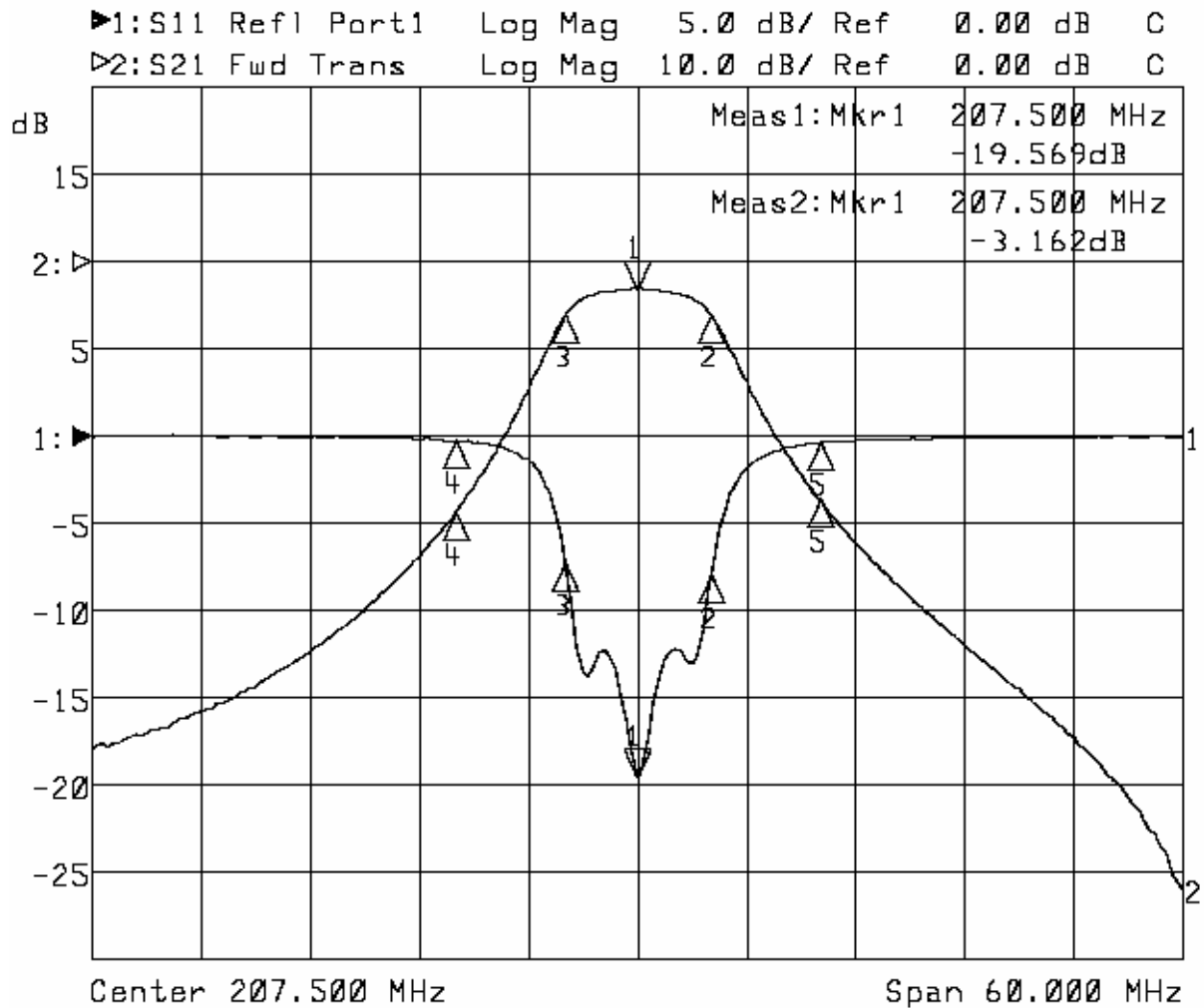
TEMWELL CORPORATION

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Form BP: C.S. Chang

Performance-TM-TTL6829B-207.5M-5MF

20408076DC



| 1: Mkr (MHz) | dB | 2: Mkr (MHz) | dB |
|--------------|---------|--------------|---------|
| 1> 207.5000 | -19.569 | 1> 207.5000 | -3.162 |
| 2: 211.5600 | -7.947 | 2: 211.5600 | -6.090 |
| 3: 203.5600 | -7.213 | 3: 203.5600 | -6.070 |
| 4: 197.5000 | -0.308 | 4: 197.5000 | -28.736 |
| 5: 217.5000 | -0.413 | 5: 217.5000 | -27.235 |