

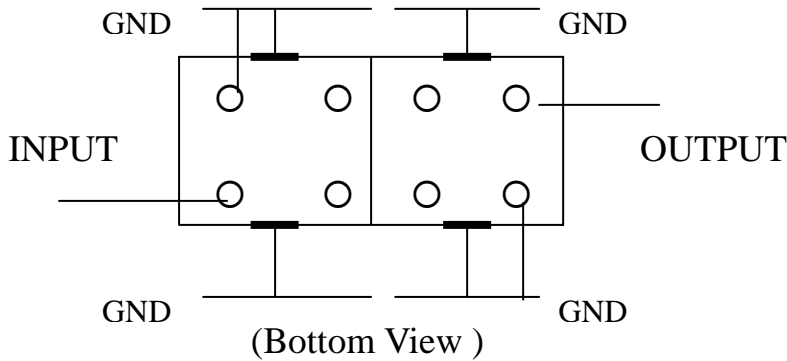


Customized UHF SHF Filter & Miniature Duplexer

# VHF UHF Helical Filter Specification Sheet

|   |            |   |              |
|---|------------|---|--------------|
| Customer Name                             |            | Temwell's Part No.                            | K2D-780M-20M |
| Approval No. /dated                       | 20401018DC | Customer's Part No.                           |              |
| Work Instruction No.                      | 20401018DC | Date  | Jan.14.2004  |
| <input type="checkbox"/> Buyer Print name |            | <input type="checkbox"/> Temwell,s print name |              |
| Case Name                                 | 7H2        | Case size :                                   |              |
| Terminator Type                           | D          |   |              |

\* Pin Position (Pin Connection) diagram as following  
( D ) Type



(3) Electric Charasteric

| Item                         | Specify                |
|------------------------------|------------------------|
| Center Freq.(Fo ) +/- 0.5 %  | 780 MHz                |
| Tuning Range                 | 780 ± 5 MHz            |
| Insertion Loss               | Typ. 2.5 dB            |
| -3 dB Bandwidth              | Typ. 20 MHz            |
| Sensitivity<br>(Attenuation) | Fo - 50 MHz Typ. 24 dB |
|                              | Fo + 50 MHz Typ. 19 dB |
|                              | Fo - ( )MHz Typ. dB    |
|                              | Fo +( )MHz Typ. dB     |
| Return Loss                  | Min. 12 dB             |
| Ripple                       | < 1 dB                 |
| Impedance                    | In / Out : 50 Ω        |

4. Temperature Condition:

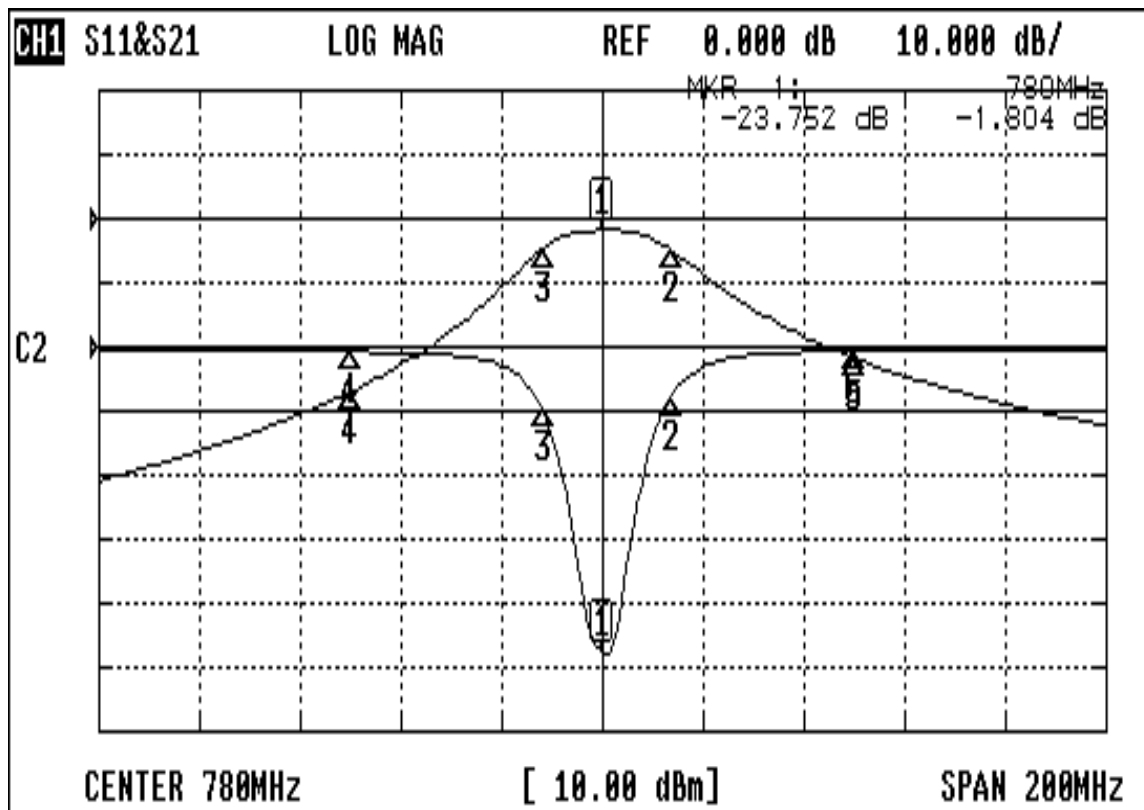
|                       |           |
|-----------------------|-----------|
| Operating Temperature | 0 ~ +60   |
| Storage Temperature   | -20 ~ +70 |

|          |            |           |                                  |
|----------|------------|-----------|----------------------------------|
| Approval | Supervisor | Designer  | Aperture size                    |
|          | C.S.Chang  | P.H.Ching | 7H2(4*5.5)(5.60)<br>7H046LB4 聚 3 |

TEMWELL CORPORATION

# Performance-K2D-780M-20M

20401018DC



## CH1 MARKER LIST

|     |            |            |            |
|-----|------------|------------|------------|
| 1:  | 780.000MHz | -23.752 dB | -1.804 dB  |
| 2:  | 793.666MHz | -3.910 dB  | -4.825 dB  |
| 3:  | 768.000MHz | -4.704 dB  | -4.795 dB  |
| 4:  | 730.000MHz | -0.369 dB  | -26.983 dB |
| 5:  | 830.000MHz | -0.324 dB  | -21.725 dB |
| 6:  |            |            |            |
| 7:  |            |            |            |
| 8:  |            |            |            |
| 9:  |            |            |            |
| 10: |            |            |            |