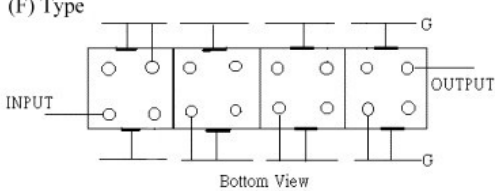
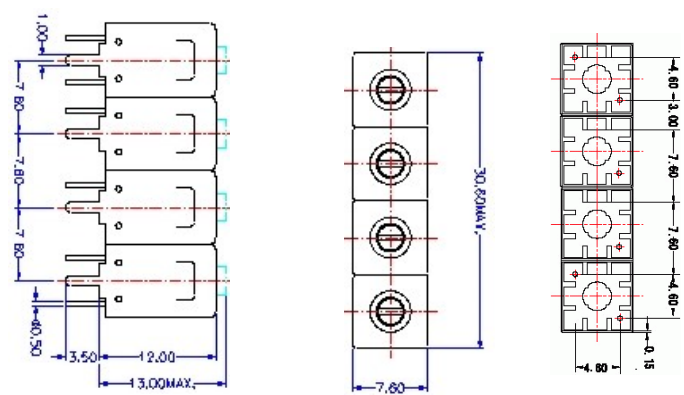


VHF UHF Helical Filter Specification Sheet

| | | | |
|----------------------|-------------|----------------------|-------------------|
| Customer Name | | Temwell's Part No. | TFL64264F-489.25M |
| Approval No. /dated | 0812110CD | Temwell's Print name | 64264F 489.25M |
| Work Instruction No. | 200812110CD | Date | Jan.05.2009 |

| | |
|--|--|
| (1) Pin Position | (2) Size Diagram |
| <p>(F) Type</p>  <p>Bottom View</p> |  |

(3) Electric Characteristic

| Item | Specify | Performance | |
|------------------------------|-----------------|-----------------|-------|
| Center Freq.(Fo) +/- 0.5 % | 489.25 MHz | 489.25 MHz | |
| Insertion Loss | Typ. 5 dB | 4.20 dB | |
| -3 dB Bandwidth | Typ. 8 MHz | 12.3 MHz | |
| Sensitivity (Attenuation) | Fo - (20) MHz | Typ. 43 dB | 46 dB |
| | Fo + (20) MHz | Typ. 38 dB | 41 dB |
| | Fo - () MHz | Typ. dB | dB |
| | Fo + () MHz | Typ. dB | dB |
| Return Loss | Min. 12 dB | 36.06 dB | |
| Ripple | < 1 dB | dB | |
| Impedance | In / Out : 75 Ω | In / Out : 75 Ω | |
| (4) Torque for Tuning Screw | > 100gf · cm | | |

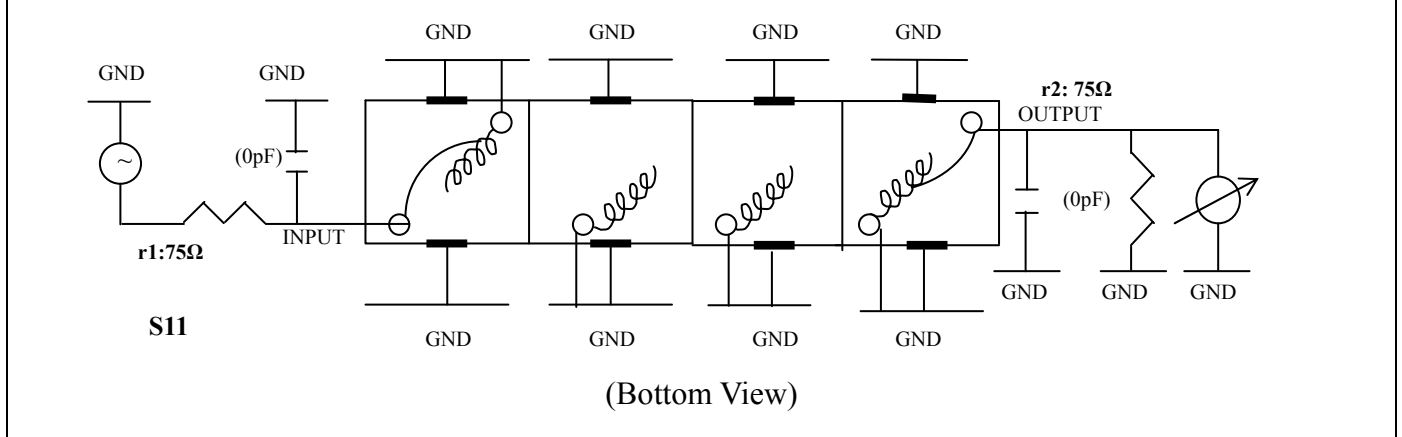
(5) Temperature Condition:

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

(6) Input Power

> 1Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 75Ω by parallel with about(0pF) / (0pF).

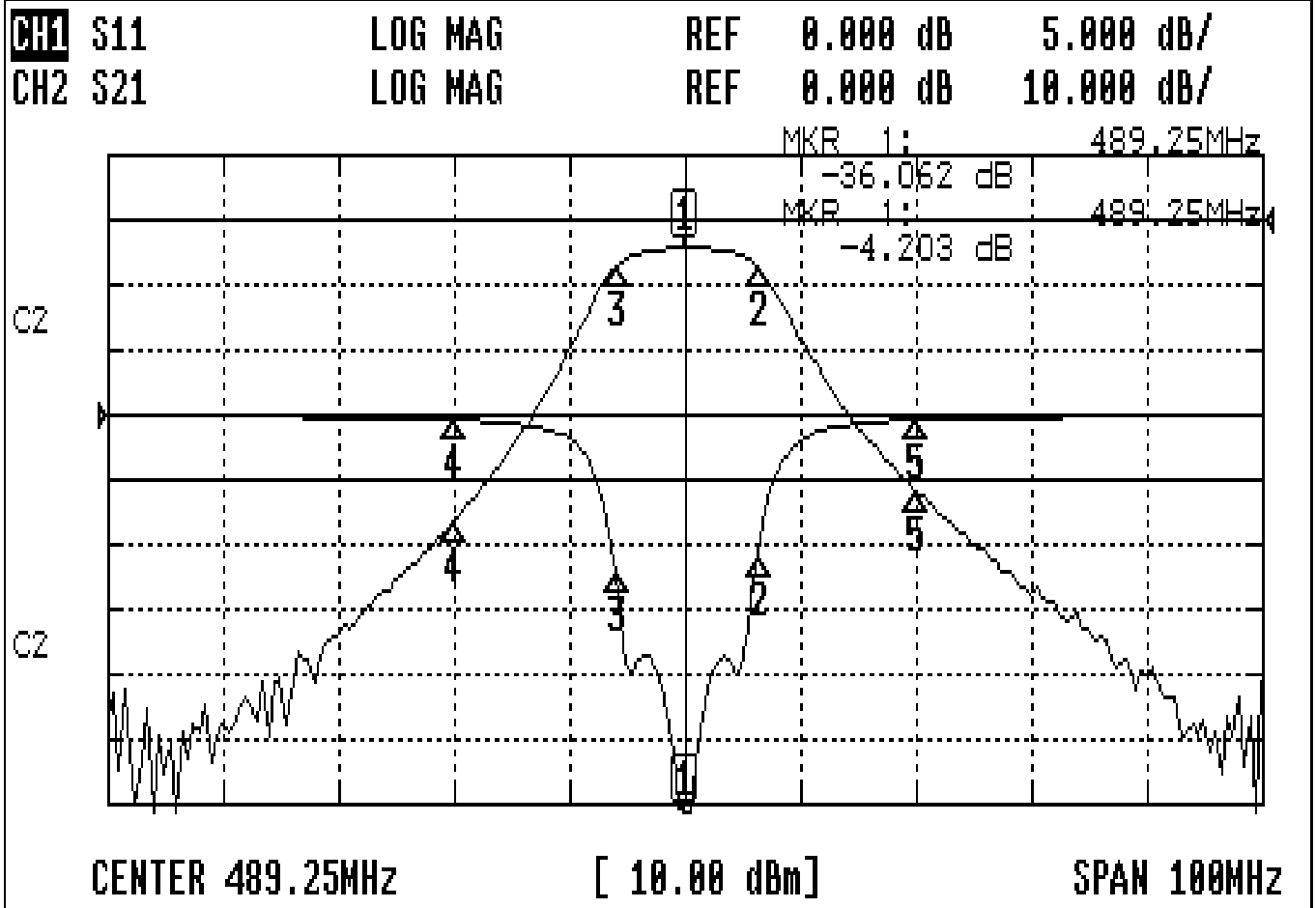


| | | | |
|-----------|------------|----------|-------------------------------|
| Approval | Supervisor | Designer | Aperture size |
| C.Y.Chang | C.S.Chang | W.W.Wang | 7H4S(4*5.5)(5.55) 7H046RB4 |

TEMWELL CORPORATION

Performance-TFL64264F-489.25M

200812110CD



CH1 MARKER LIST

| | | |
|---|------------|------------|
| 1 | 489.250MHz | -36.062 dB |
| 2 | 495.583MHz | -10.707 dB |
| 3 | 483.250MHz | -12.079 dB |
| 4 | 469.250MHz | -0.352 dB |
| 5 | 509.250MHz | -0.343 dB |

CH2 MARKER LIST

| | | |
|---|------------|------------|
| 1 | 489.250MHz | -4.203 dB |
| 2 | 495.583MHz | -7.231 dB |
| 3 | 483.250MHz | -7.143 dB |
| 4 | 469.250MHz | -46.399 dB |
| 5 | 509.250MHz | -41.705 dB |