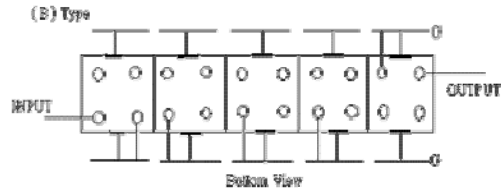


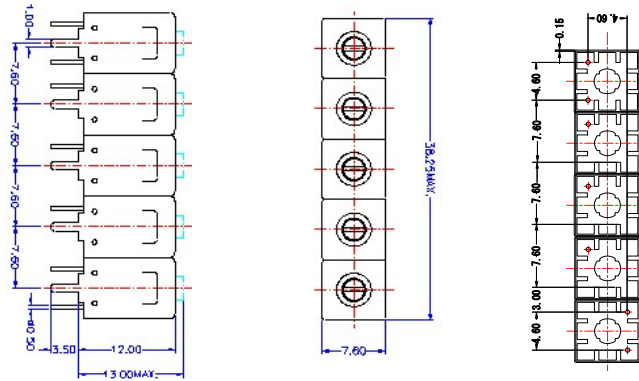
VHF UHF Helical Filter Specification Sheet

| | | | |
|----------------------|-------------|-----------------------|----------------|
| Customer Name | | Temwell's Part No. | TV6544B-1282M |
| Approval No. /dated | 201806031CD | Temwell's Print name. | 6544B 1282M |
| Work Instruction No. | 201806031CD | Date | Jul.31.2018 |

(1) Pin Position



(2) Size Diagram



(3) Electric Characteristic

| Item | Specify | Performance |
|------------------------------|-----------------|-----------------|
| Center Freq.(Fo) +/- 0.5 % | 1282 MHz | 1282 MHz |
| Insertion Loss | Typ. 3.0 dB | 2.21 dB |
| -3 dB Bandwidth | Typ. 80 MHz | 92.5 MHz |
| Sensitivity (Attenuation) | Fo - 200 MHz | Typ. 70 dBc |
| | Fo + 200 MHz | Typ. 52 dBc |
| | Fo - ()MHz | Typ. dBc |
| | Fo +()MHz | Typ. dBc |
| Return Loss | Min. 12 dB | 23.8 dB |
| Ripple | < 1 dB | dB |
| Impedance | In / Out : 50 Ω | In / Out : 50 Ω |

(4) Torque for Tuning Screw

> 60gf · cm

(5) Temperature Condition:

Operating Temperature

0°C ~ +60°C

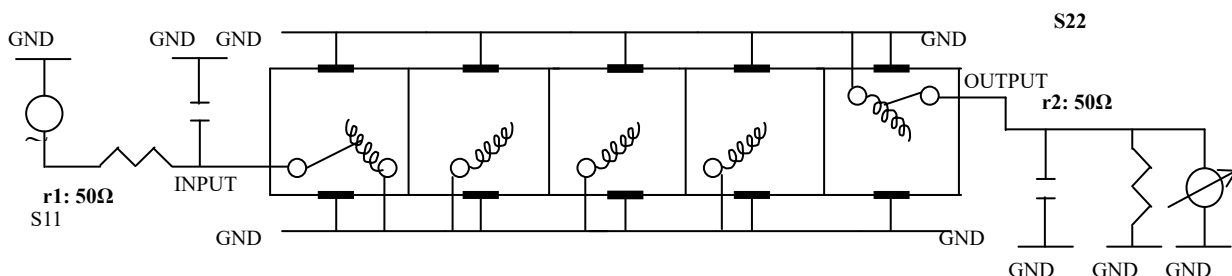
Storage Temperature

-20°C ~ +70°C

(6) Input Power

> 1Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).



(Bottom View)

| | | | |
|-----------|------------|-----------|---------------------------------|
| Approval | Supervisor | Designer | Aperture size |
| C.Y.Chang | C.K.Chang | C.S.Chang | 7H5S(4*5.5)(5.58) 7H046RB5.5 |

TEMWELL CORPORATION

Performance-TV6544B-1282M

201806031CD

