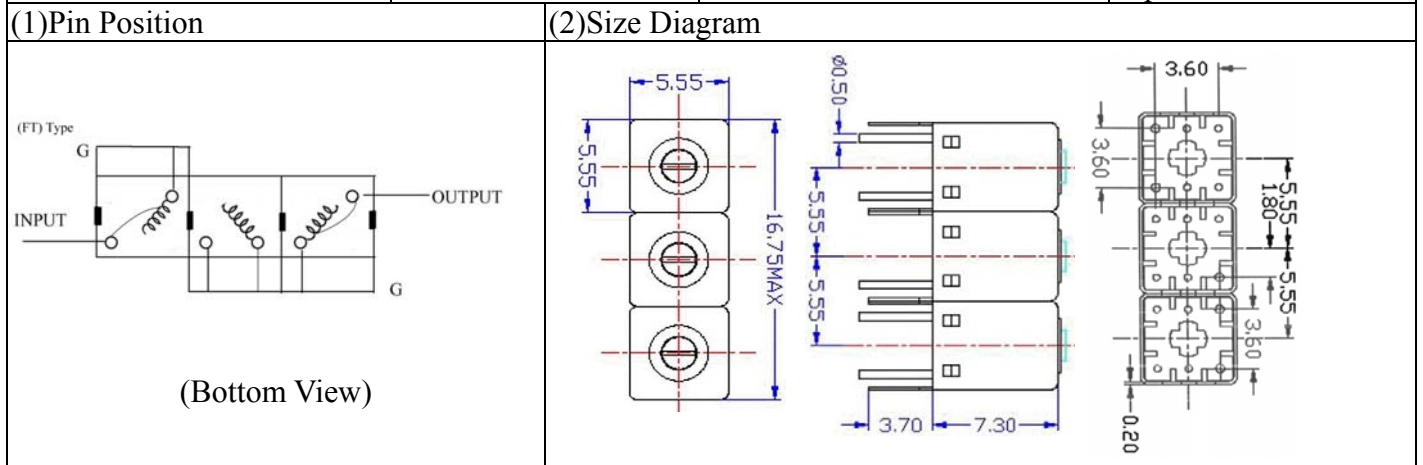


VHF UHF Helical Filter Specification Sheet

| | | | |
|----------------------|-------------|-----------------------|----------------|
| Customer Name | | Temwell's Part No. | K3RFT-340M-20M |
| Approval No. /dated | 0908116CD | Temwell's Print name. | K3RFT 340M |
| Work Instruction No. | 200908116CD | Date | Sep.04.2009 |



(3) Electric Characteristic

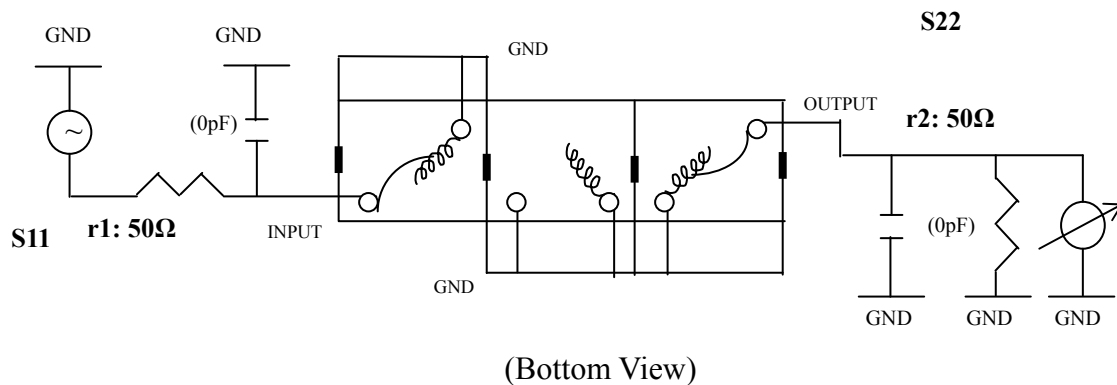
| Item | Specify | Performance | |
|------------------------------|-----------------|-----------------|--------|
| Center Freq.(Fo) +/- 0.5 % | 340 MHz | 340 MHz | |
| Insertion Loss | Typ. 3.5 dB | 1.98 dB | |
| -3 dB Bandwidth | Typ. 20 MHz | 22.2 MHz | |
| Sensitivity (Attenuation) | Fo - 50 MHz | Typ. 33 dBc | 42 dBc |
| | Fo + 50 MHz | Typ. 25 dBc | 36 dBc |
| | Fo - ()MHz | Typ. dBc | dBc |
| | Fo + ()MHz | Typ. dBc | dBc |
| Return Loss | Min. 12 dB | 37.6 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

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(0pF) / (0pF).



| | | | |
|-----------|------------|----------|------------------------------------|
| Approval | Supervisor | Designer | Aperture size |
| C.Y.Chang | C.K.Chang | C.H.Yeh | 5R3S(3.8*4.2)(4.19) 5HW020RB3.5 |

TEMWELL CORPORATION

