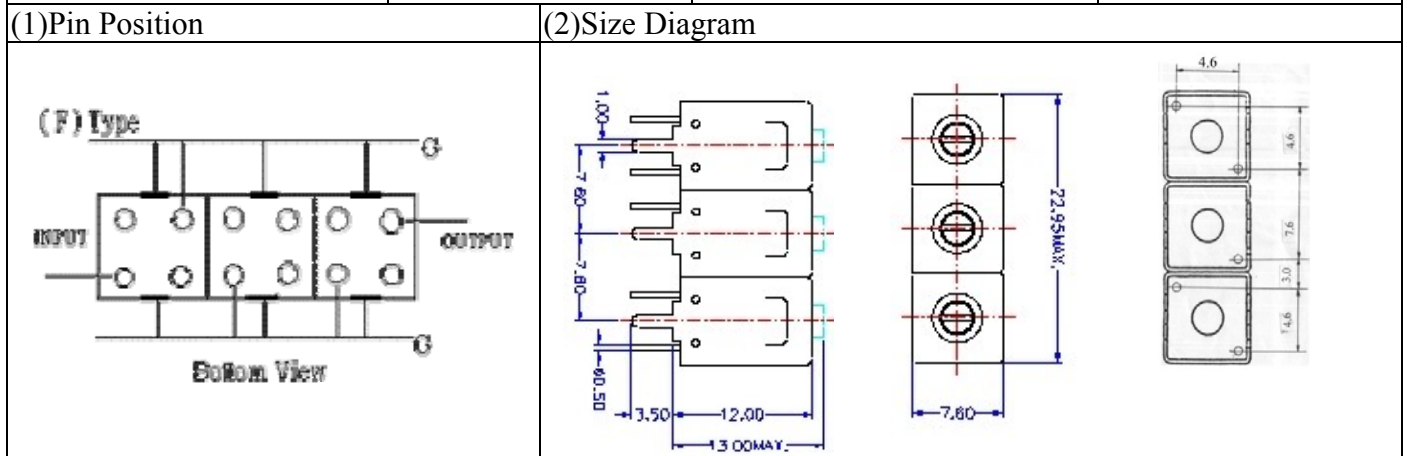


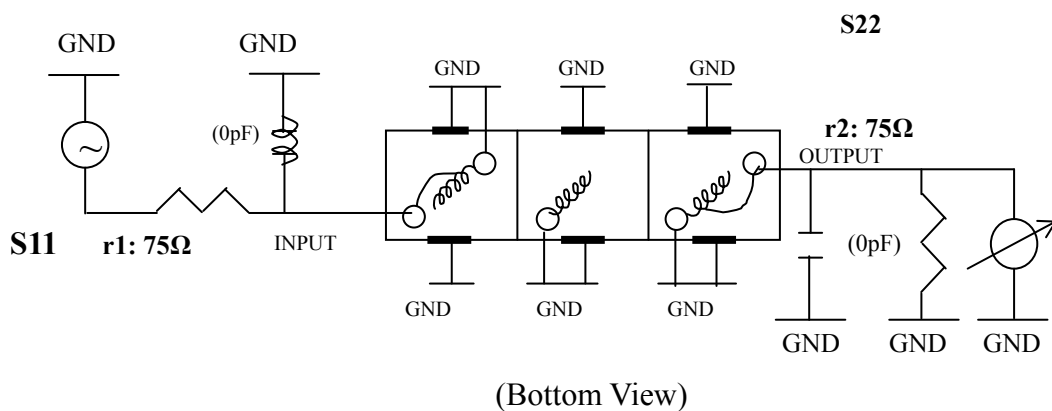
VHF UHF Helical Filter Specification Sheet

| | | | |
|----------------------|------------|-----------------------------|------------------|
| Customer Name | | Temwell's Part No. | TTL6334F-567.25M |
| Approval No. /dated | 0611059APR | Acceptable Specify Fo Range | 556~595 MHz |
| Work Instruction No. | 0611059DC | Date | Nov.21.2006 |



| (3) Electric Characteristic | | | |
|------------------------------|-------------|-----------------|-----------------|
| Item | | Specify | Performance |
| Center Freq.(Fo) +/- 0.5 % | | 567.25 MHz | 567.25 MHz |
| Tunable Range | | 567.25±5 MHz | 567.25±5 MHz |
| Insertion Loss | | Typ. 5.5 dB | 4.71 dB |
| -3 dB Bandwidth | | Typ. 6 MHz | 9.5 MHz |
| Sensitivity (Attenuation) | Fo - 15 MHz | Typ. 23 dB | 26 dB |
| | Fo + 15 MHz | Typ. 18 dB | 21 dB |
| | Fo - ()MHz | Typ. dB | dB |
| | Fo +()MHz | Typ. dB | dB |
| Return Loss | | Min. 12 dB | 22.4 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).



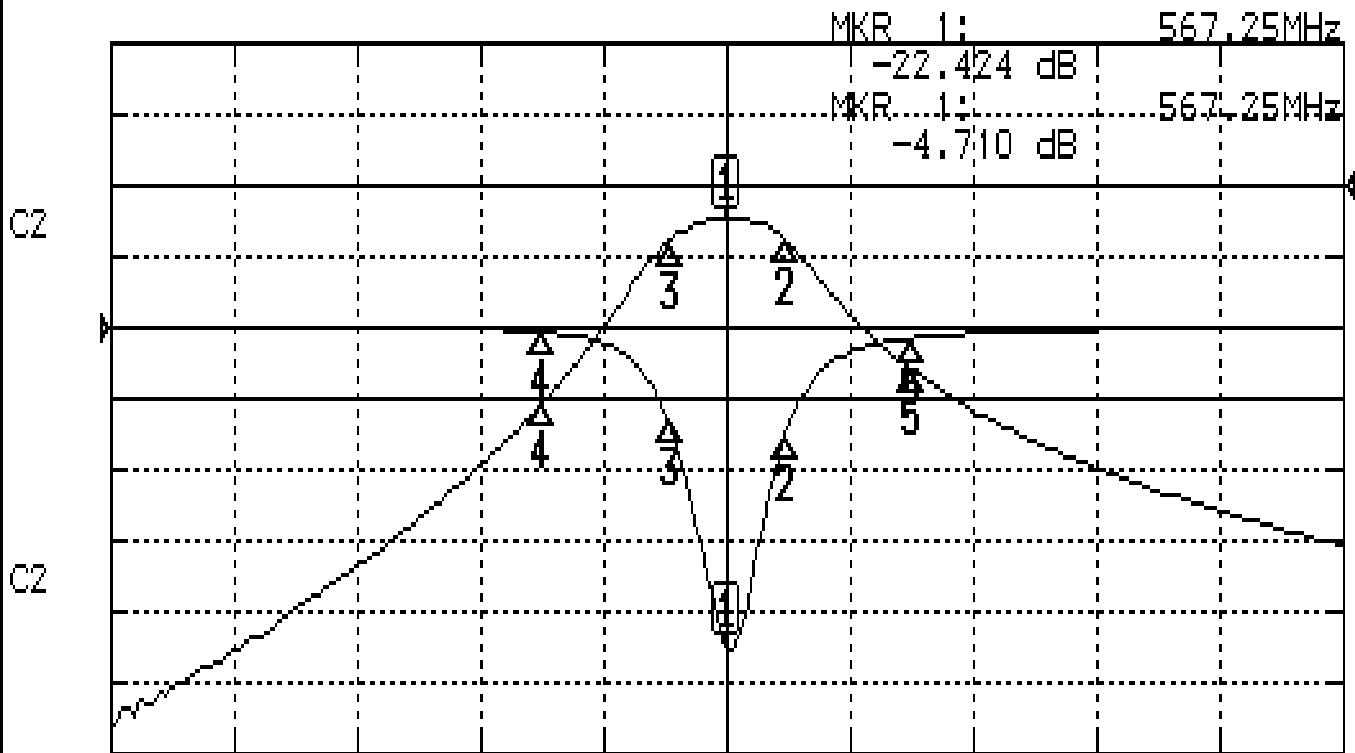
| | | | |
|-----------|------------|-----------|------------------------------|
| Approval | Supervisor | Designer | Aperture size |
| C.Y.Chang | C.S.Chang | C.S.Chang | 7H3(4*4.65)F 7H046LB4 聚 3 |

TEMWELL CORPORATION

Performance-TTL6334F-567.25M

0611059DC

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CENTER 567.25MHz

[10.00 dBm]

SPAN 100MHz

CH1 MARKER LIST

| | | | |
|----|------------|---------|----|
| 1: | 567.250MHz | -22.424 | dB |
| 2: | 572.000MHz | -7.717 | dB |
| 3: | 562.583MHz | -6.770 | dB |
| 4: | 552.250MHz | -0.312 | dB |
| 5: | 582.250MHz | -0.749 | dB |

CH2 MARKER LIST

| | | | |
|----|------------|---------|----|
| 1: | 567.250MHz | -4.710 | dB |
| 2: | 572.000MHz | -7.645 | dB |
| 3: | 562.583MHz | -7.723 | dB |
| 4: | 552.250MHz | -30.737 | dB |
| 5: | 582.250MHz | -25.979 | dB |