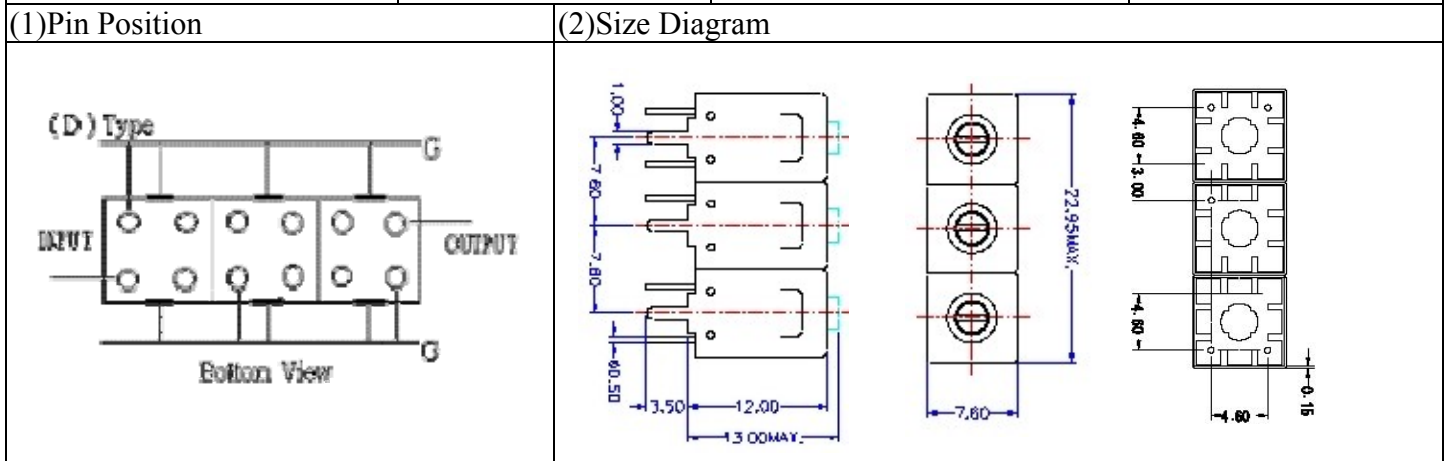


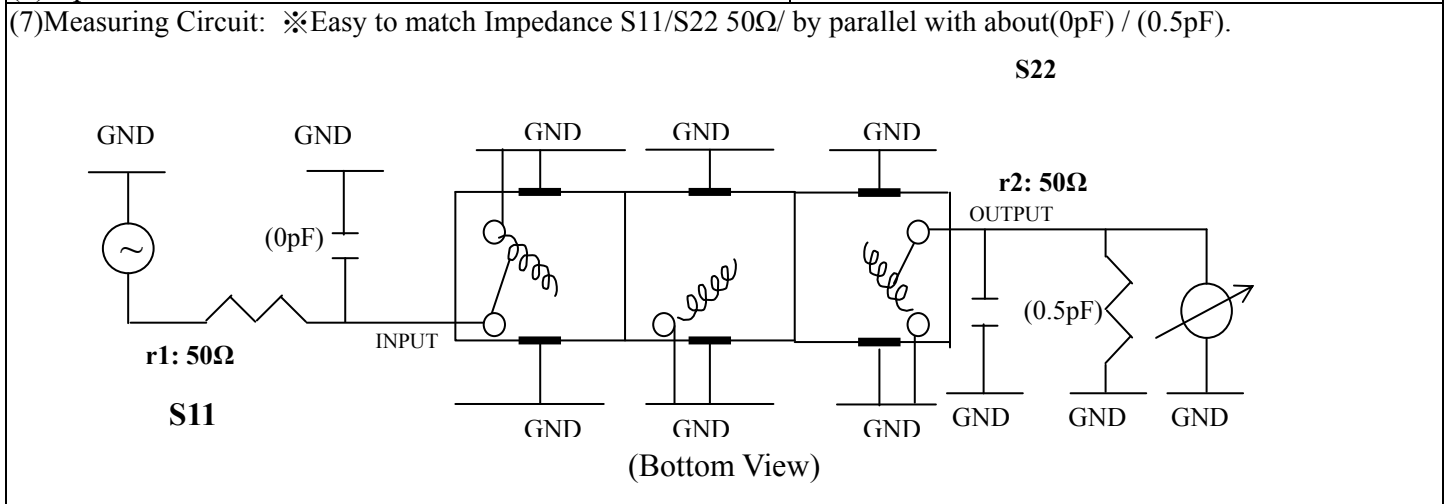
VHF UHF Helical Filter Specification Sheet

| | | | |
|----------------------|-------------|-----------------------|----------------|
| Customer Name | | Temwell's Part No. | TT67130D-775M |
| Approval No. /dated | 0903051CD | Customer's Part Name. | 67130D 775M |
| Work Instruction No. | 200903051CD | Date | MAR.24.2009 |



| | | | |
|------------------------------|-------------|-----------------|-----------------|
| (3) Electric Characteristic | | | |
| Item | | Specify | Performance |
| Center Freq.(Fo) +/- 0.5 % | | 775 MHz | 775 MHz |
| Tunable Range: | | 775±5 MHz | 775±5 MHz |
| Insertion Loss | | Typ. 3.5 dB | 2.23 dB |
| -3 dB Bandwidth | | Typ. 21 MHz | 25.0 MHz |
| Sensitivity (Attenuation) | Fo - 50 MHz | Typ. 40 dBc | 43 dBc |
| | Fo + 50 MHz | Typ. 27 dBc | 30 dBc |
| | Fo - ()MHz | Typ. dBc | dBc |
| | Fo +()MHz | Typ. dBc | dBc |
| Return Loss | | Min. 12 dB | 21.3 dB |
| Ripple | | < 1 dB | dB |
| Impedance | | In / Out : 50 Ω | In / Out : 50 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 50Ω/ by parallel with about(0pF) / (0.5pF).



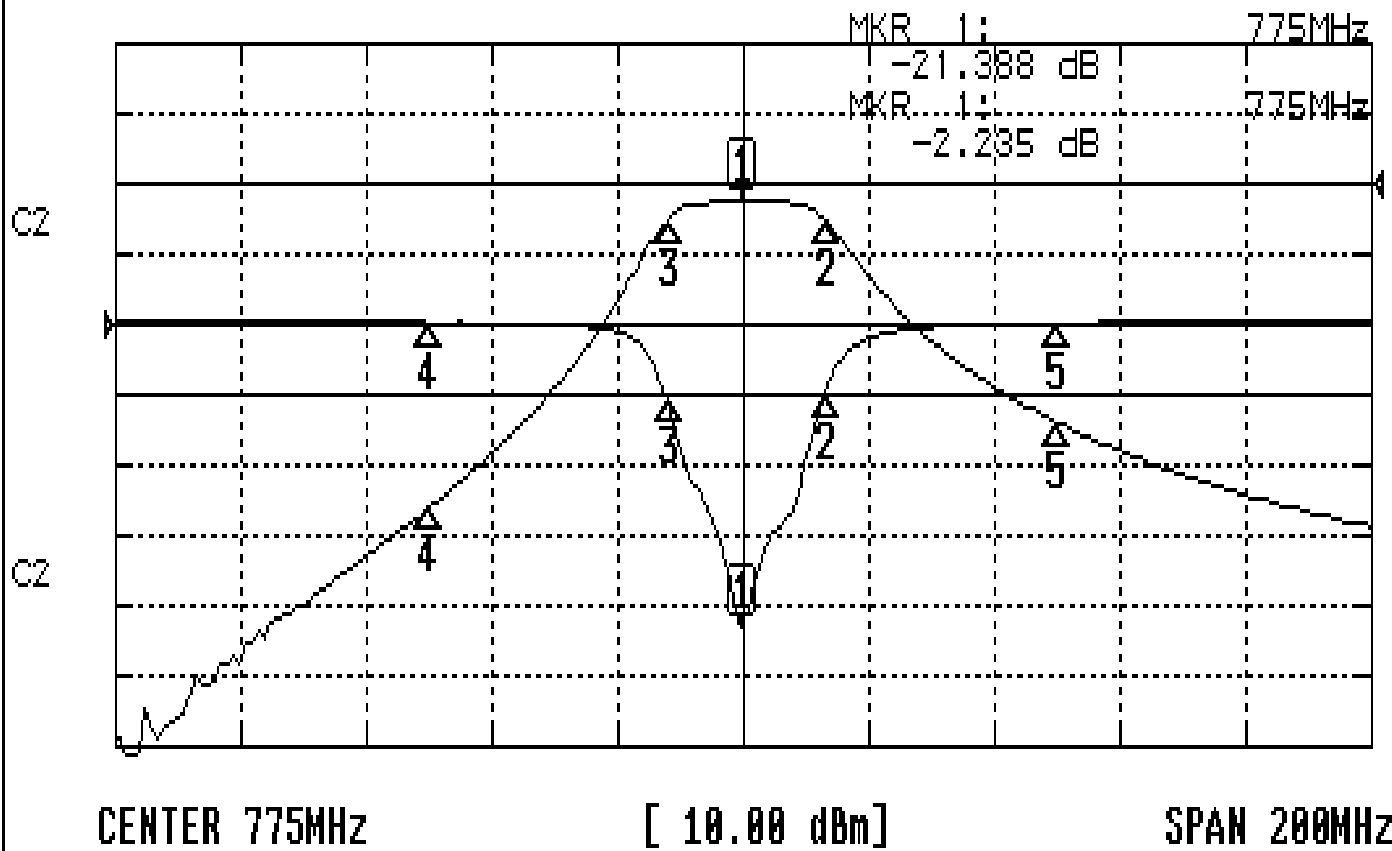
| | | | |
|-----------------------|-------------------------|---------------------|--|
| Approval C.Y.Chang | Supervisor C.K.Chang | Designer J.F.Lin | Aperture size 7H3S(4*5.5)(5.56) 7H046LB4.3 聚 3 |
|-----------------------|-------------------------|---------------------|--|

TEMWELL CORPORATION

Performance-TT67130D-775M

200903051CD

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



CH1 MARKER LIST

| | | |
|-----|------------|------------|
| 1: | 775.000MHz | -21.388 dB |
| 2: | 788.000MHz | -5.057 dB |
| 3: | 763.000MHz | -5.337 dB |
| 4: | 725.000MHz | 0.149 dB |
| 5: | 825.000MHz | 0.104 dB |
| 6: | | |
| 7: | | |
| 8: | | |
| 9: | | |
| 10: | | |

CH2 MARKER LIST

| | | |
|-----|------------|------------|
| 1: | 775.000MHz | -2.235 dB |
| 2: | 788.000MHz | -5.133 dB |
| 3: | 763.000MHz | -5.144 dB |
| 4: | 725.000MHz | -46.035 dB |
| 5: | 825.000MHz | -33.886 dB |
| 6: | | |
| 7: | | |
| 8: | | |
| 9: | | |
| 10: | | |