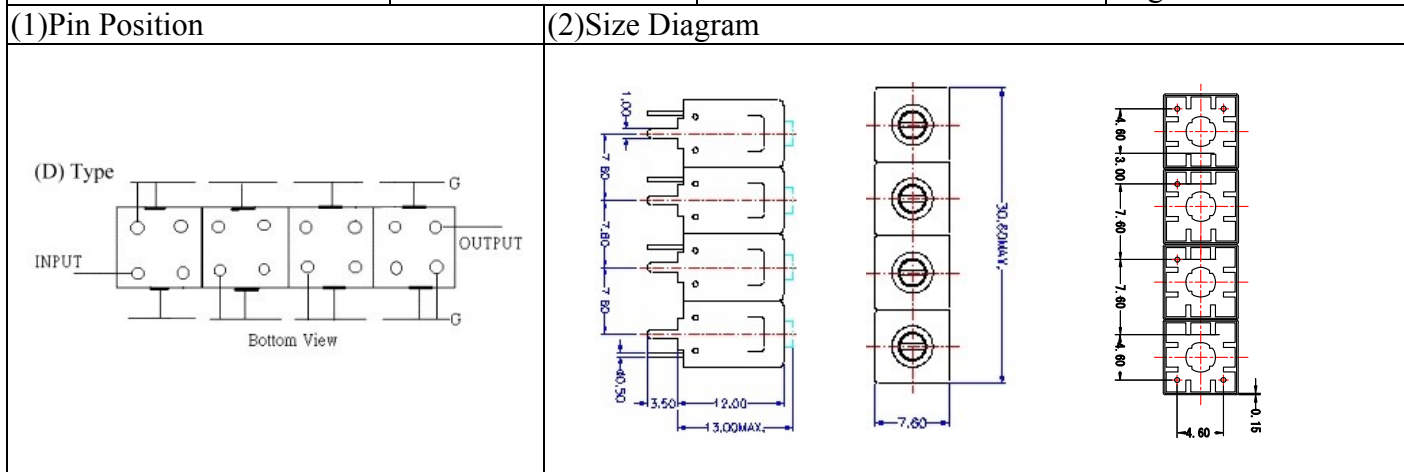
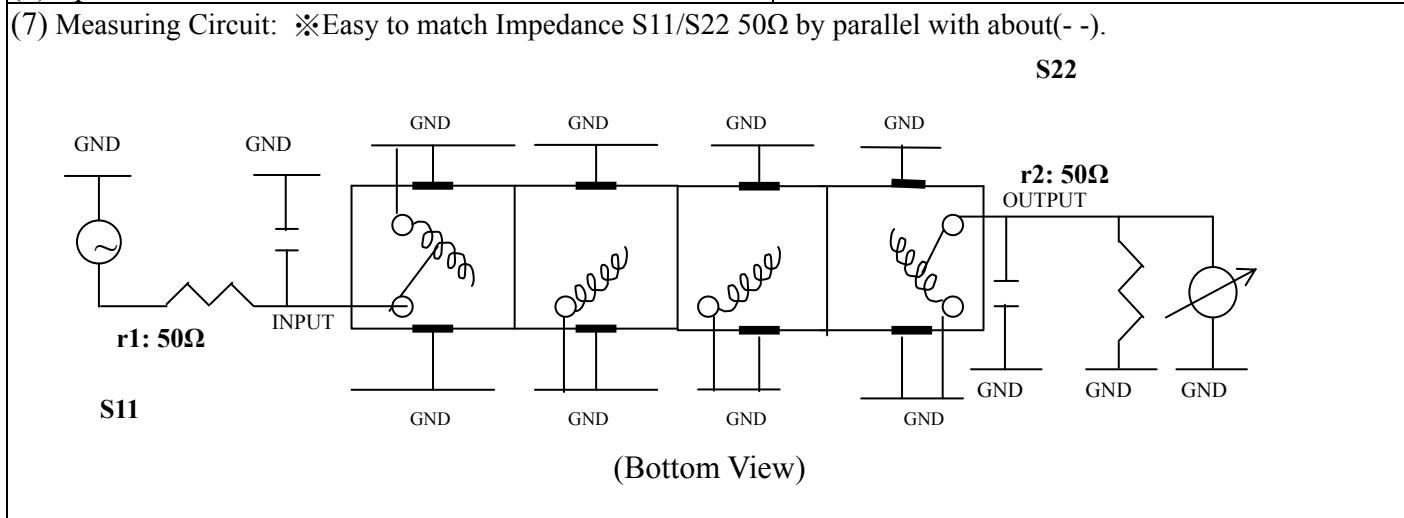


VHF UHF Helical Filter Specification Sheet

| | | | |
|----------------------|-------------|----------------------|----------------|
| Customer Name | | Temwell's Part No. | TF69130D-775M |
| Approval No. /dated | 201708061CD | Temwell's Print Name | 69130D 775M |
| Work Instruction No. | 201708061CD | Date | Aug.31.2017 |



| (3) Electric Characteristic | | | | | |
|------------------------------|-------------|-----------------|--|-----------------|--|
| Item | | Specify | | Performance | |
| Center Freq.(Fo) +/- 0.5 % | | 775 MHz | | 775 MHz | |
| Insertion Loss | | Typ 3.5 dB | | 2.79 dB | |
| -3 dB Bandwidth | | Typ. 21 MHz | | 26.6 MHz | |
| Sensitivity (Attenuation) | Fo - 50 MHz | Typ. 48 dBc | | 53 dBc | |
| | Fo + 50 MHz | Typ. 35 dBc | | 40 dBc | |
| | Fo - ()MHz | Typ. dBc | | dBc | |
| | Fo + ()MHz | Typ. dBc | | dBc | |
| Return Loss | | Min. 12 dB | | 21.8 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 | | | |



| | | | |
|-----------|------------|-----------|-------------------------------------|
| Approval | Supervisor | Designer | Aperture size |
| C.Y.Chang | C.K.Chang | C.S.Chang | 7H4S(4*5.5)(6.56) 7H046LB4.3 聚 3 |

Performance-TF69130D-775M

201708061C

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]

