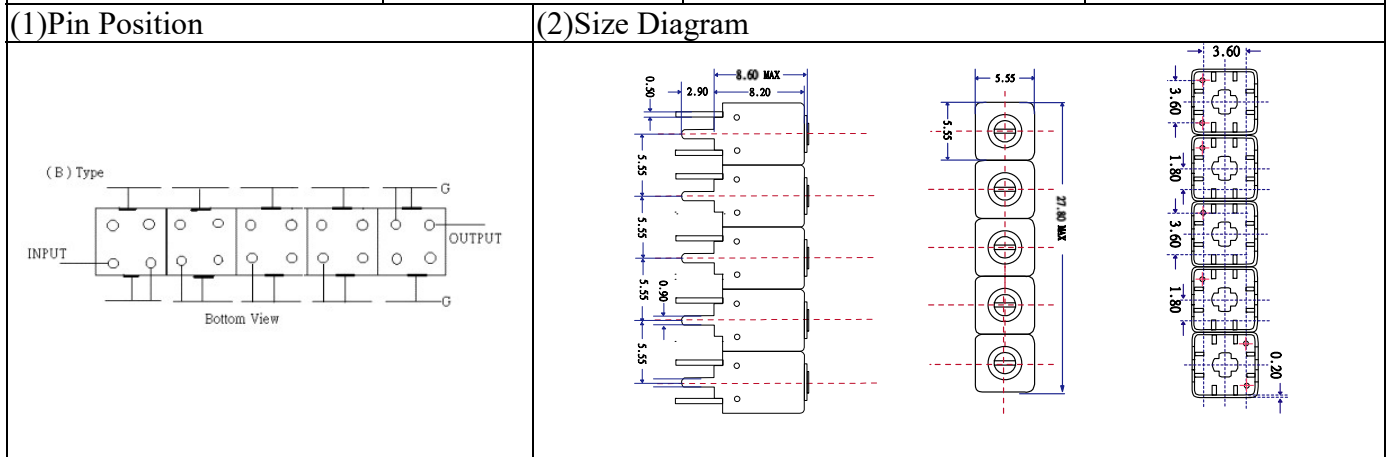


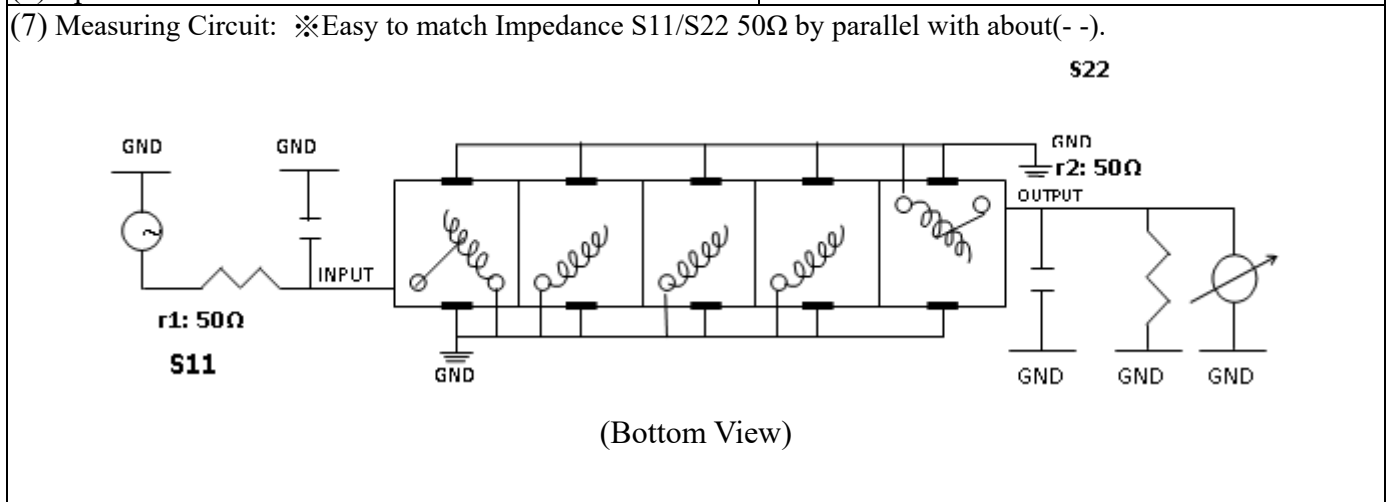
# VHF UHF Helical Filter Specification Sheet

|                      |             |                      |                |
|----------------------|-------------|----------------------|----------------|
| Customer Name        |             | Temwell's Part No.   | TVW5406B-1950M |
| Approval No. /dated  |             | Temwell,s print Name | 5406B<br>1950M |
| Work Instruction No. | 201911067CD | Date                 | Nov.22.2019    |



| (3) Electric Characteristic  |              | Item                       | Specify         | Performance     |
|------------------------------|--------------|----------------------------|-----------------|-----------------|
|                              |              | Center Freq.(Fo) +/- 0.5 % | 1950 MHz        | 1950 MHz        |
|                              |              | Insertion Loss             | Typ. 5.5 dB     | 4.74 dB         |
|                              |              | -3 dB Bandwidth            | Typ. 60 MHz     | 61.3 MHz        |
| Sensitivity<br>(Attenuation) | Fo - 100 MHz | Typ. 50 dBc                |                 | 57 dBc          |
|                              | Fo + 100 MHz | Typ. 45 dBc                |                 | 49 dBc          |
|                              | Fo - ( )MHz  | Typ. dBc                   |                 | dBc             |
|                              | Fo +( )MHz   | Typ. 12 dBc                |                 | dBc             |
|                              |              | Return Loss                | Min. 12 dB      | 20.6 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            | > 0.5Watt     |



|                     |            |            |  |
|---------------------|------------|------------|--|
| Approval            | Supervisor | Designer   | Aperture size                                  |
| C.Y.Chang           | C.K.Chang  | P.H.Chiang | 5HW046RB3.2+5HW024RB3<br>5W5S-3.8*4.0(4.03)-J1 |
| TEMWELL CORPORATION |            |            |  |

# Performance-TVW5406B-1950M

## 201911067CD

