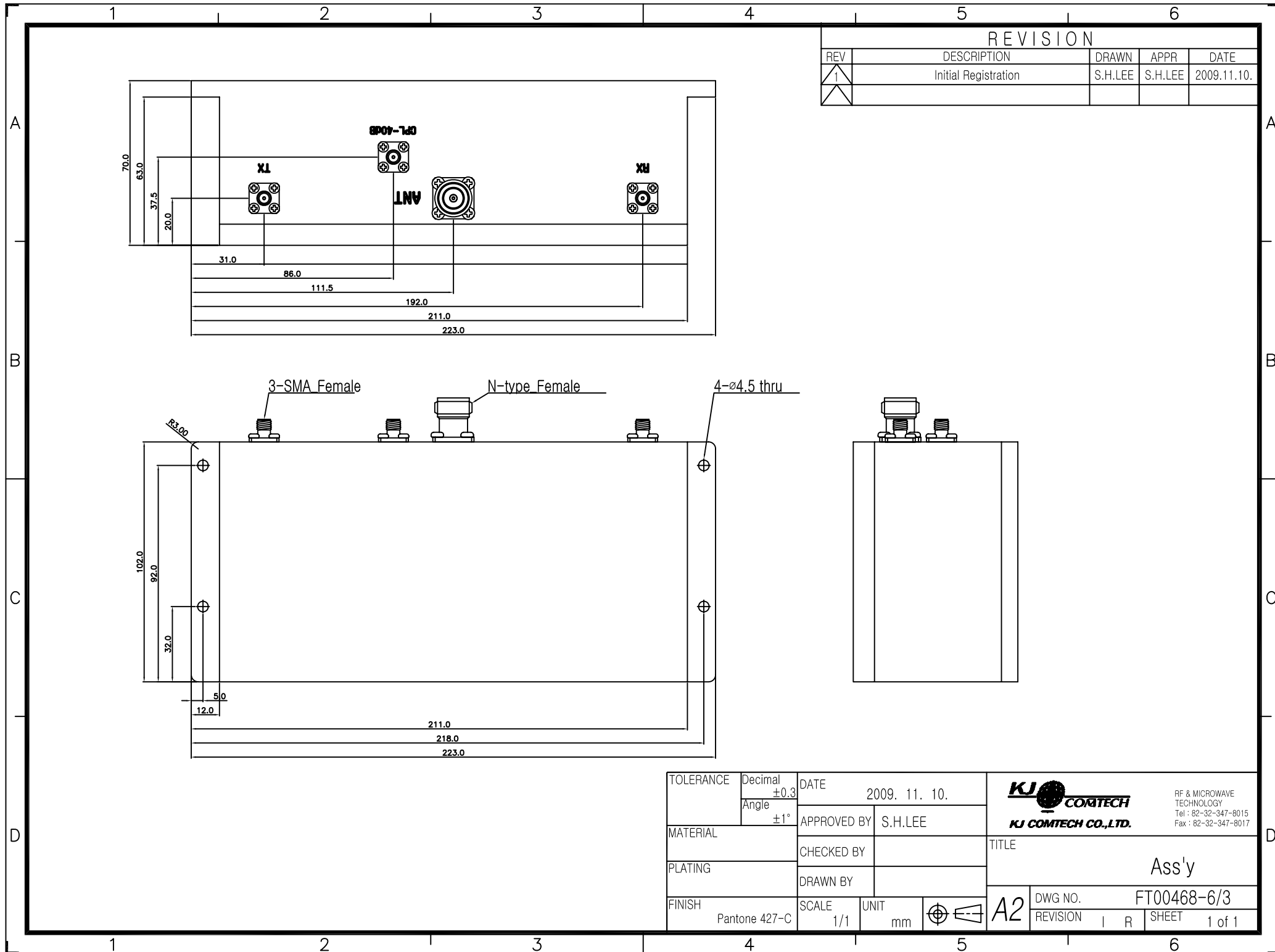




## 1. Electrical & Mechanical Specification

| Electrical Specifications |                                                                          |                                                                        |
|---------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------|
| Connector                 | SMA Type (F), N Type (F)                                                 |                                                                        |
| Frequency Range           | RX<br>824.5~846.4MHz (BW: 21.9MHz)                                       | TX<br>869.2~891.4MHz (BW: 22.2MHz)                                     |
| Insertion Loss            | ≤1.8dB                                                                   | ≤1.8dB                                                                 |
| Ripple                    | ≤1.5dB                                                                   | ≤1.5dB                                                                 |
| Return Loss               | ≥18dB                                                                    | ≥18dB                                                                  |
| Rejection                 | ≥10dB @821MHz<br>≥10dB @849MHz<br>≥60dB 9KHz~800MHz<br>≥80dB 920~2700MHz | ≥7dB @866MHz<br>≥7dB @894MHz<br>≥60dB 9KHz~800MHz<br>≥80dB 920~2700MHz |
| Isolation                 | ≥105dB                                                                   | ≥105dB                                                                 |
| CPL                       |                                                                          | 40±0.5dB                                                               |
| Power Handling            | 20W                                                                      |                                                                        |
| Impedance                 | 50Ω                                                                      |                                                                        |
| Mechanical Specifications |                                                                          |                                                                        |
| Dimensions (mm)           | 223 x 102 x 70                                                           |                                                                        |
| Operating Temperature     | -20 ~ +75℃                                                               |                                                                        |
| Connector Finish          | Tri-plate                                                                |                                                                        |
| Housing Finish            | Ivory Coating                                                            |                                                                        |