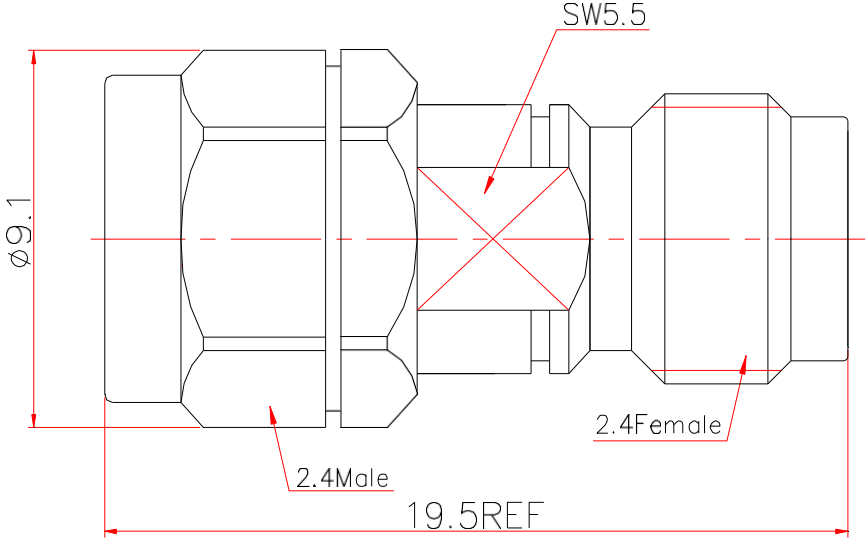
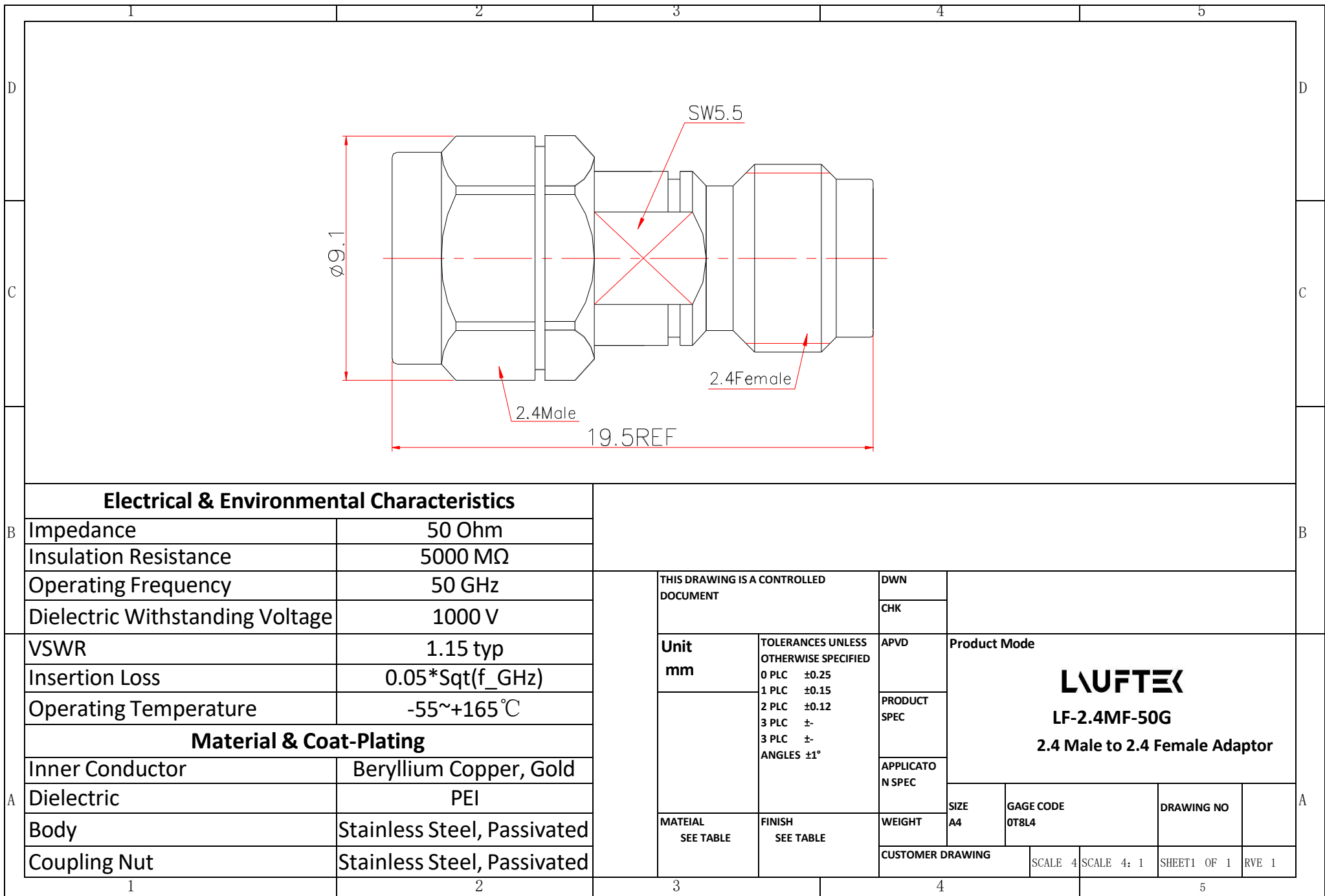




| Electrical & Environmental Characteristics |                               |
|--------------------------------------------|-------------------------------|
| Impedance                                  | 50 Ohm                        |
| Insulation Resistance                      | 5000 MΩ                       |
| Operating Frequency                        | 50 GHz                        |
| Dielectric Withstanding Voltage            | 1000 V                        |
| VSWR                                       | 1.15 typ                      |
| Insertion Loss                             | 0.05* $\sqrt{f_{\text{GHz}}}$ |
| Operating Temperature                      | -55~+165℃                     |
| Material & Coat-Plating                    |                               |
| Inner Conductor                            | Beryllium Copper, Gold        |
| Dielectric                                 | PEI                           |
| Body                                       | Stainless Steel, Passivated   |
| Coupling Nut                               | Stainless Steel, Passivated   |

|                                       |                                                                                                                          |                     |            |                                                                                                              |            |             |       |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------|------------|--------------------------------------------------------------------------------------------------------------|------------|-------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                                                                                                          | DWN                 |            | <div>Product Mode</div> <div>LAUFTEK</div> <div>LF-2.4MF-50G</div> <div>2.4 Male to 2.4 Female Adaptor</div> |            |             |       |
|                                       |                                                                                                                          | CHK                 |            |                                                                                                              |            |             |       |
| Unit<br>mm                            | TOLERANCES UNLESS OTHERWISE SPECIFIED<br>0 PLC ±0.25<br>1 PLC ±0.15<br>2 PLC ±0.12<br>3 PLC ±-<br>3 PLC ±-<br>ANGLES ±1° | APVD                |            |                                                                                                              |            |             |       |
|                                       |                                                                                                                          | PRODUCT SPEC        |            |                                                                                                              |            |             |       |
|                                       |                                                                                                                          | APPLICATO<br>N SPEC |            |                                                                                                              |            |             |       |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE                                                                                                      | WEIGHT              | SIZE<br>A4 | GAGE CODE<br>OT8L4                                                                                           |            | DRAWING NO  |       |
|                                       |                                                                                                                          | CUSTOMER DRAWING    |            | SCALE 4                                                                                                      | SCALE 4: 1 | SHEET1 OF 1 | RVE 1 |