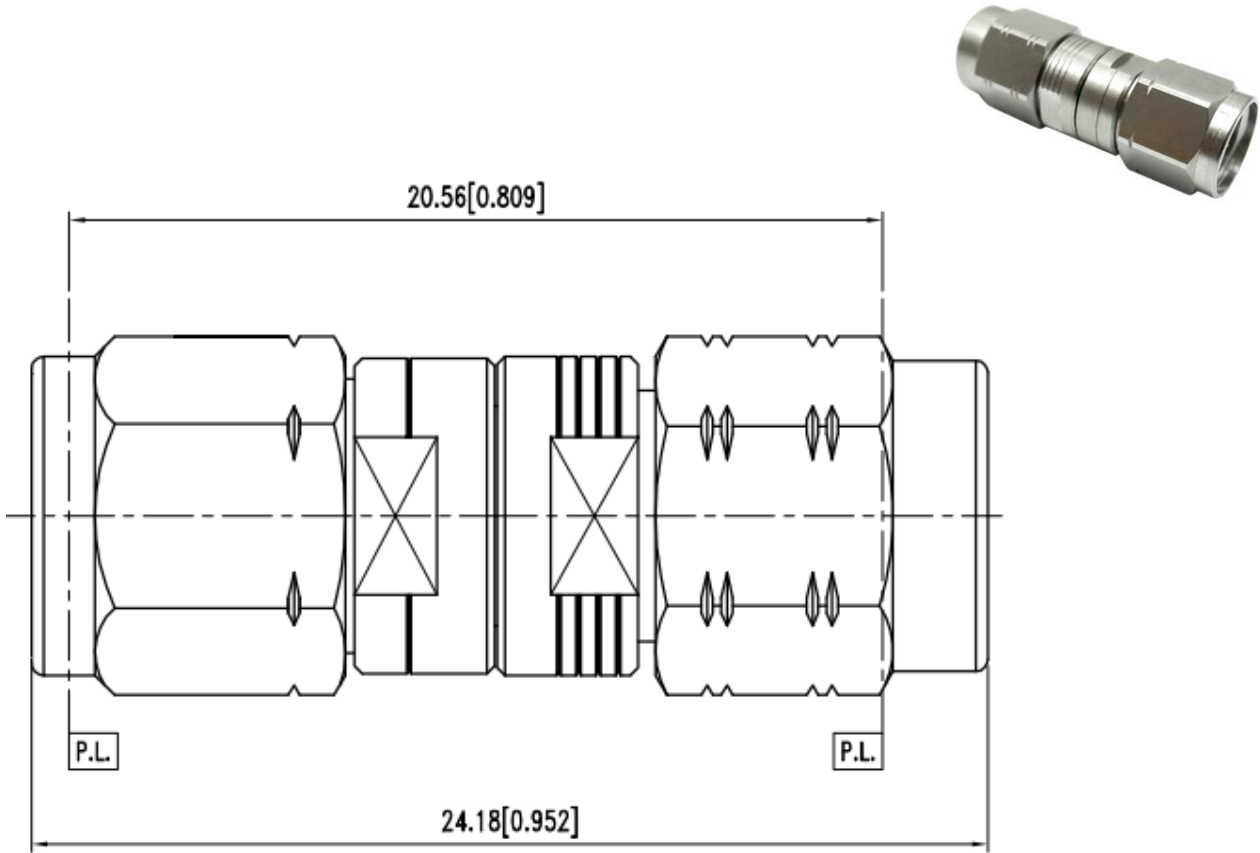


■ **Outline Dimension Drawing**



■ **Material Specification**

| Description  | Material             | Plating               |
|--------------|----------------------|-----------------------|
| Body         | SUS303               | Passivated            |
| Contact      | BeCu                 | Gold (30 microinches) |
| Dielectric   | High Performance     | N/A                   |
|              | Application Material |                       |
| Coupling Nut | SUS303               | Passivated            |
|              |                      |                       |
|              |                      |                       |



■ **Electrical Specification**

| Description                     |     |           | Description              |      |         |
|---------------------------------|-----|-----------|--------------------------|------|---------|
| Impedance                       | 50  | Ω         |                          |      |         |
| Frequency                       | 40  | GHz Max.  | Insulation Resistance    | 5000 | MΩ Min. |
| VSWR                            | 1.2 | Max.      | Inner Contact Resistance | 6.0  | mΩ Max. |
| Insertion Loss                  | N/A | dB        | Outer Contact Resistance | 2.0  | mΩ Max. |
| Voltage Rating                  | N/A | Vrms Max. |                          |      |         |
| Dielectric Withstanding Voltage | 750 | Vrms Max. |                          |      |         |

■ **Mechanical Specification**

| Description              |     |        | Description        |     |         |
|--------------------------|-----|--------|--------------------|-----|---------|
| Center Contact           |     |        | Recommended Torque | 8.0 | in. lbs |
| Axial Force-Mating End   | 6.0 | lbs.   |                    |     |         |
| Axial Force-Opposite End | 6.0 | lbs.   |                    |     |         |
| Connector Durability     | 500 | cycles |                    |     |         |
| Weight                   | 7.2 | g      |                    |     |         |

■ **Environmental Specification**

| Description      |     |    |
|------------------|-----|----|
| Temperature Min. | -40 | °C |
| Temperature Max. | 105 | °C |
| Hermetic Seal    | N/A |    |