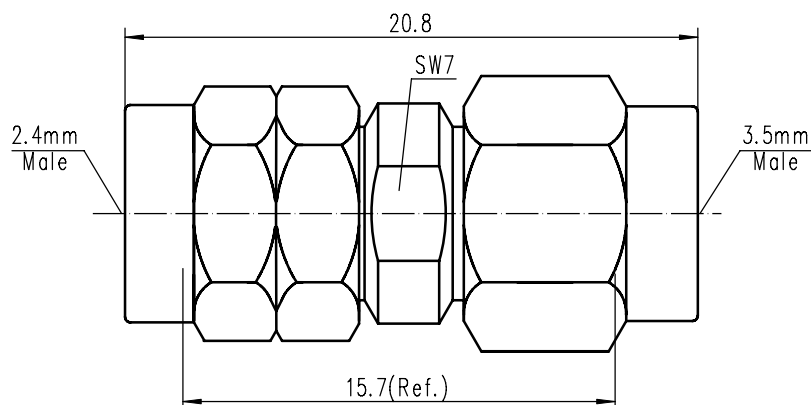


CALIBRATION ADAPTOR

2.4mm Male – 3.5mm Male

3.5mm/2.4mm-JJG12



Code : 100277

Electrical data

| | | |
|---------------------------|-----------------------|--------------------|
| Impedance | 50 Ω | |
| Frequency | DC to 33 GHz | |
| Return loss | ≤1.12, DC to 26.5 GHz | |
| Insertion loss | ≤ 0.05 × √f(GHz) dB | |
| Insulation resistance | ≥ 5G Ω | |
| Center contact resistance | ≤ 3.0 mΩ , 3.5 side | ≤ 4.0 mΩ, 2.4 side |
| Outer contact resistance | ≤ 2.0 mΩ , 3.5 side | ≤ 2.5 mΩ , 2.4side |
| Test voltage | 500 V rms | |
| Working voltage | 150 V rms | |
| RF leakage | ≥ 100 dB up to 1 GHz | |

Mechanical data

| | |
|----------------------------|--------------------|
| Mating cycles | ≥ 500 |
| Center contact captivation | ≥ 27 N |
| Coupling test torque 3.5 | 1.70 Nm |
| Recommended torque 3.5 | 0.80 Nm to 1.10 Nm |
| Coupling test torque 2.4 | 1.65Nm |
| Recommended torque 2.4 | 0.80 Nm to 1.10 Nm |

Material and plating

Connector parts

- Center contact
- Outer contact
- Coupling nut
- Dielectric

Material

- Beryllium copper
- Stainless steel
- Stainless steel
- PEI

Plating

- Gold, over chemical nickel
- Passivated
- Passivated

Environmental data

| | |
|-----------------------|--------------------------------------|
| Operating Temperature | 0°C to +50°C |
| Storage Temperature | -40°C to +85°C |
| Thermal shock | MIL-STD-202, Method 107, Condition B |
| Corrosion | MIL-STD-202, Method 101, Condition B |
| Vibration | MIL-STD-202, Method 204, Condition D |
| Shock | MIL-STD-202, Method 213, Condition I |
| Moisture resistance | MIL-STD-202, Method 106 |
| 2002/95/EC (RoHS) | compliant |