



## DATA SHEET

### “ORITRON” 1.0 mm (Female) – 1.85 mm (Female) Straight Adapter

#### Straight Adapter (F to F)



ORITRON Part no. OT/1.0(F)-1.85(F)

### SPECIFICATIONS

#### **Electrical Characteristics**

|                  |   |
|------------------|---|
| Impedance        | 50 ohms                                 |
| Frequency (Max.) | DC – 67 GHz                             |
| Insertion Loss   | $\leq 0.06 \times \text{Sqrt.}(f\_GHz)$ |
| VSWR             | $\leq 1.30$                             |

#### **Mechanical Characteristics**

|             |                  |
|-------------|------------------|
| Connector 1 | 1.0 (Female)     |
| Connector 2 | 1.85 mm (Female) |

#### **ENVIRONMENTAL**

|                   |                    |
|-------------------|--------------------|
| Temperature Range | - 55° C to +105° C |
|-------------------|--------------------|

#### **Finish**

| Part           | Material            | Plating               |
|----------------|---------------------|-----------------------|
| Body           | SS                  | Passivated            |
| Centre Contact | Beryllium<br>Copper | Gold Nickel<br>Plated |
| Insulator      | PEI                 | -----                 |



- Image given for reference only. Actual product may differ slightly due to continuous development in design.
- Specifications are subject to change without prior notice.