



Electrical & Environmental Characteristics

| | |
|---------------------------------|--------------------------|
| Impedance | 50 Ohm |
| Insulation Resistance | 5000 MΩ |
| Operating Frequency | DC-110GHz |
| Dielectric Withstanding Voltage | 500V |
| Retention Loss | ≥22dB, DC to 40 GHz |
| | ≥18dB, 40 GHz to 67GHz |
| | ≥14dB, 67 GHz to 110 GHz |
| Insertion Loss | 0.05* $\sqrt{f_GHz}$ |
| Operating Temperature | - 40~+85 °C |

Material & Coat-Plating

| | |
|----------------|--|
| Outer Contact | Stainless steel, PassivatedCuBe, Gold plating |
| Center contact | CuBe, Gold plating |
| Insulator | PEI or equivalent |

THIS DRAWING IS A CONTROLLED DOCUMENT

DWN

CHK

Suzhou Talent Microwave, Inc

Unit
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED
 0 PLC ±0.25
 1 PLC ±0.15
 2 PLC ±0.12
 3 PLC ±
 3 PLC ±
 ANGLES ±1°

APVD

PRODUCT SPEC

APPLICATION SPEC

Product Model

TL-10FD1351F09E
 1.0mm Female Straight Connector For PCB

SIZE

A4

GAGE CODE
 0T8L4

DRAWING NO

MATERIAL
 SEE TABLE

FINISH
 SEE TABLE

WEIGHT

CUSTOMER DRAWING

SCALE 4

SCALE 4: 1

SHEET 1 OF 1

RVE 1