



Electrical & Environmental Characteristics

| | |
|---------------------------------|------------------------|
| Impedance | 50 Ω |
| Insulation Resistance | 5000 MΩ |
| Operating Frequency | DC~18GHz |
| Dielectric Withstanding Voltage | 2500V |
| VSWR | ≤1.15 |
| Insertion Loss | ≤0.05* $\sqrt{f_GHz}$ |
| Operating Temperature | - 55~+165 °C |

Material & Coat-Plating

| | |
|-----------------|-----------------------------|
| Inner Conductor | Beryllium Copper, Gold |
| Dielectric | PTFE |
| Body | Stainless Steel, Passivated |
| Coupling Nut | NA |

| No. | Model | D1(Diameter1) | D2(Diameter2) | L1(Length1) | L2(Length2) | T(Thickness) |
|---------------------------------------|---|-----------------|---|--------------------|-------------|--------------|
| 1 | N-KFD100713 | 4.1 [0.161] | 1.27 [0.05] | 4 [0.157] | 1.5 [0.059] | 0.2 [0.008] |
| THIS DRAWING IS A CONTROLLED DOCUMENT | | DWN | Suzhou Talent Microwave, Inc | | | |
| | | CHK | | | | |
| 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 Model N-KFD100713 N Female Flange Connector | | | |
| | | PRODUCT SPEC | | | | |
| MATERIAL SEE TABLE | FINISH SEE TABLE | APPLICATON SPEC | SIZE A4 | GAGE CODE 0T8L4 | DRAWING NO | |
| | | WEIGHT | CUSTOMER DRAWING | | SHEET1 OF 1 | RVE 1 |