



| No. | Model | D(Diameter) | L(Length) |
|-----|-----------------|--------------|--------------|
| 1 | 1.85-KFD50409 | 0.23 [0.009] | 7 [0.276] |
| 2 | 1.85-KFD5041201 | 0.30 [0.012] | 1.2 [0.047] |
| 3 | 1.85-KFD5041202 | 0.30 [0.012] | 2 [0.079] |
| 4 | 1.85-KFD5042301 | 0.58 [0.023] | 3.7 [0.145] |
| 5 | 1.85-KFD5042302 | 0.58 [0.023] | 5.85 [0.230] |
| 6 | 1.85-KFD5042303 | 0.58 [0.023] | 19.1 [0.752] |
| 7 | 1.85-KFD50425 | 0.64 [0.025] | 6 [0.236] |
| 8 | 1.85-KFD50431 | 0.80 [0.031] | 7 [0.276] |

Electrical & Environmental Characteristics

| | |
|---------------------------------|-----------------------------------|
| Impedance | 50 Ω |
| Insulation Resistance | 5000 M Ω |
| Operating Frequency | DC~67GHz |
| Dielectric Withstanding Voltage | 1000V |
| VSWR | ≤ 1.15 |
| Insertion Loss | $\leq 0.05 * \text{Sqrt}(f_GHz)$ |
| Operating Temperature | - 55~+165 $^{\circ}C$ |

Material & Coat-Plating

| | |
|-----------------|-----------------------------|
| Inner Conductor | Beryllium Copper, Gold |
| Dielectric | PEI 1000 |
| Body | Stainless Steel, Passivated |
| Coupling Nut | N/A |

| | | | | | | |
|---------------------------------------|---|------------------|--|--------------------|--------------|-------|
| 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 \pm 3 PLC \pm ANGLES $\pm 1^{\circ}$ | APVD | Product Model 1.85-KFD5042301 1.85mm Female Flange Connector | | | |
| | | PRODUCT SPEC | | | | |
| | | APPLICATION SPEC | | | | |
| MATERIAL SEE TABLE | FINISH SEE TABLE | WEIGHT | SIZE A4 | GAGE CODE OT8L4 | DRAWING NO | |
| | | CUSTOMER DRAWING | | | SHEET 1 OF 1 | RVE 1 |