



| No. | Model | D(Diameter) | L(Length) | B(Diameter) | screw thread |
|-----|-------------------|--------------|-------------|-------------|--------------|
| 1 | 1.85-KYD80112-04 | 0.30 [0.012] | 1.2 [0.047] | 5.4 [0.213] | 1/4-36UNS-2A |
| 2 | 1.85-KYD80112-080 | 0.30 [0.012] | 2.0 [0.079] | 5.4 [0.213] | 1/4-36UNS-2A |
| 3 | 1.85-KYD80212-04 | 0.30 [0.012] | 1.2 [0.047] | 4.8 [0.190] | M6X0.75-6g |
| 4 | 1.85-KYD80212-080 | 0.30 [0.012] | 2.0 [0.079] | 4.8 [0.190] | M6X0.75-6g |

Electrical & Environmental Characteristics

| | |
|---------------------------------|------------------------|
| Impedance | 50 Ω |
| Insulation Resistance | 5000 MΩ |
| Operating Frequency | DC~67GHz |
| Dielectric Withstanding Voltage | 1000V |
| VSWR | ≤1.15 |
| Insertion Loss | ≤0.05* $\sqrt{f_GHz}$ |
| Operating Temperature | - 55~+165 °C |

Material & Coat-Plating

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

| | | | | | | |
|---------------------------------------|--|------------------|--|--------------------|--------------|-------|
| 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 1.85-KYD80112-080 1.85mm Female Connector | | | |
| | | PRODUCT SPEC | | | | |
| | | APPLICATION SPEC | SIZE A4 | GAGE CODE OT8L4 | DRAWING NO | |
| MATERIAL SEE TABLE | FINISH SEE TABLE | WEIGHT | CUSTOMER DRAWING | | SHEET 1 OF 1 | RVE 1 |