



| No. | Model | Pin Size ϕd | L(Length) |
|-----|---------------|-------------------|--------------|
| 1 | 2.92-KYD80109 | 0.30 [0.012] | 9.9 [0.390] |
| 2 | 2.92-KYD80209 | 0.23 [0.009] | 10.8 [0.425] |
| 3 | 2.92-KYD80212 | 0.30 [0.012] | 10.8 [0.425] |
| 4 | 2.92-KYD80215 | 0.38 [0.015] | 10.8 [0.425] |
| 5 | 2.92-KYD80218 | 0.46 [0.018] | 10.8 [0.425] |
| 6 | 2.92-KYD80220 | 0.51 [0.020] | 10.8 [0.425] |

Electrical & Environmental Characteristics

| | |
|---------------------------------|-----------------------------------|
| Impedance | 50 Ω |
| Insulation Resistance | 5000 M Ω |
| Operating Frequency | DC~40GHz |
| 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 | 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 \pm 3 PLC \pm ANGLES $\pm 1^{\circ}$ | APVD | Product Model | | | |
| | | PRODUCT SPEC | 2.92-KYD80209 2.92mm Female Connector | | | |
| | | APPLICATION SPEC | SIZE A4 | GAGE CODE OT8L4 | DRAWING NO | |
| MATERIAL SEE TABLE | FINISH SEE TABLE | WEIGHT | CUSTOMER DRAWING | | SHEET 1 OF 1 | RVE 1 |