

C

C

B

B

| Electrical & Environmental Characteristics |                            |
|--------------------------------------------|----------------------------|
| Impedance                                  | 50 Ω                       |
| Insulation Resistance                      | 5000 MΩ                    |
| Operating Frequency                        | DC~50GHz                   |
| 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 |

A

A

| No. | Model        | d(Diameter)  | B(Diameter) | screw thread |
|-----|--------------|--------------|-------------|--------------|
| 1   | 2.4-KYD80109 | 0.23 [0.009] | 5.4 [0.213] | 1/4-36UNS-2A |
| 2   | 2.4-KYD80112 | 0.30 [0.012] | 5.4 [0.213] | 1/4-36UNS-2A |
| 3   | 2.4-KYD80120 | 0.51 [0.020] | 5.4 [0.213] | 1/4-36UNS-2A |
| 4   | 2.4-KYD80209 | 0.23 [0.009] | 4.8 [0.190] | M6X0.75-6g   |
| 5   | 2.4-KYD80212 | 0.30 [0.012] | 4.8 [0.190] | M6X0.75-6g   |
| 6   | 2.4-KYD80220 | 0.51 [0.020] | 4.8 [0.190] | M6X0.75-6g   |

|                                       |                                                                               |                    |                                                                           |                    |
|---------------------------------------|-------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                                                               | DWN                | Turpanic Co, Ltd ,Inc                                                     |                    |
|                                       |                                                                               | CHK                |                                                                           |                    |
| Unit<br>mm                            | TOLERANCES<br>UNLESS<br>OTHERWISE<br>SPECIFIED                                | APVD               | Product Model<br><br><b>2.4-KYD80120</b><br><b>2.4mm Female Connector</b> |                    |
|                                       | 0 PLC ±0.25<br>1 PLC ±0.15<br>2 PLC ±0.12<br>3 PLC ±<br>3 PLC ±<br>ANGLES ±1° | PRODUCT SPEC       |                                                                           |                    |
|                                       |                                                                               | APPLICATON<br>SPEC |                                                                           |                    |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE                                                           | WEIGHT             | SIZE<br>A4                                                                | GAGE CODE<br>0T8L4 |
|                                       |                                                                               | CUSTOMER DRAWING   | DRAWING NO                                                                |                    |
|                                       |                                                                               |                    | SHEET1 OF 1                                                               |                    |
|                                       |                                                                               |                    | RVE 1                                                                     |                    |