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| Electrical & Environmental Characteristics |                        |
|--------------------------------------------|------------------------|
| Impedance                                  | 50 Ω                   |
| Insulation Resistance                      | 5000 MΩ                |
| Operating Frequency                        | DC~40GHz               |
| Dielectric Withstanding Voltage            | 1000V                  |
| VSWR                                       | ≤1.15                  |
| Insertion Loss                             | ≤0.05* $\sqrt{f\_GHz}$ |
| Operating Temperature                      | - 55~+165℃             |
| Material & Coat-Plating                    |                        |
| Inner Conductor                            | Beryllium Copper, Gold |
| Dielectric                                 | PEI 1000               |

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| No. | Model        | D(Distance)  | L(Length)    | T(Thickness) |
|-----|--------------|--------------|--------------|--------------|
| 1   | 2.92-KHD1201 | 1.93 [0.076] | 0.60 [0.023] | 1.78 [0.070] |
| 2   | 2.92-KHD1207 | 1.93 [0.076] | 1.22 [0.048] | 1.78 [0.070] |
| 3   | 2.92-KHD1202 | 0.76 [0.030] | 0.60 [0.023] | 0.61 [0.024] |
| 4   | 2.92-KHD1208 | 0.76 [0.030] | 1.22 [0.048] | 0.61 [0.024] |
| 5   | 2.92-KHD1203 | 1.02 [0.040] | 0.60 [0.023] | 0.87 [0.034] |
| 6   | 2.92-KHD1209 | 1.02 [0.040] | 1.22 [0.048] | 0.87 [0.034] |
| 7   | 2.92-KHD1204 | 2.15 [0.085] | 0.60 [0.023] | 2 [0.079]    |
| 8   | 2.92-KHD1210 | 2.15 [0.085] | 1.22 [0.048] | 2 [0.079]    |
| 9   | 2.92-KHD1205 | 2.25 [0.089] | 0.60 [0.023] | 2.1 [0.083]  |
| 10  | 2.92-KHD1211 | 2.25 [0.089] | 1.22 [0.048] | 2.1 [0.083]  |
| 11  | 2.92-KHD1206 | 1.50 [0.059] | 0.60 [0.023] | 1.35 [0.053] |
| 12  | 2.92-KHD1212 | 1.50 [0.059] | 1.22 [0.048] | 1.35 [0.053] |

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|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                                                                                                                  | DWN                 | Turpanic Co, Ltd ,Inc                                                      |                    |
|                                       |                                                                                                                                  | CHK                 |                                                                            |                    |
| Unit<br>mm                            | TOLERANCES<br>UNLESS<br>OTHERWISE<br>SPECIFIED<br>0 PLC ±0.25<br>1 PLC ±0.15<br>2 PLC ±0.12<br>3 PLC ±<br>3 PLC ±-<br>ANGLES ±1° | APVD                | Product Model<br><br><b>2.92-KHD1210</b><br><b>2.92mm Female Connector</b> |                    |
|                                       |                                                                                                                                  | PRODUCT SPEC        |                                                                            |                    |
|                                       |                                                                                                                                  | APPLICATO<br>N SPEC |                                                                            |                    |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE                                                                                                              | WEIGHT              | SIZE<br>A4                                                                 | GAGE CODE<br>OT8L4 |
| CUSTOMER DRAWING                      |                                                                                                                                  |                     |                                                                            |                    |