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|-------------------------------------------------------|-----------------------------------|
| <b>Electrical &amp; Environmental Characteristics</b> |                                   |
| Impedance                                             | 50 $\Omega$                       |
| Insulation Resistance                                 | 5000 M $\Omega$                   |
| Operating Frequency                                   | DC~40GHz                          |
| Dielectric Withstanding Voltage                       | 1000V                             |
| VSWR                                                  | $\leq 1.15$                       |
| Insertion Loss                                        | $\leq 0.05 * \text{Sqrt}(f\_GHz)$ |
| Operating Temperature                                 | - 55~+165 $^{\circ}\text{C}$      |
| <b>Material &amp; Coat-Plating</b>                    |                                   |
| Inner Conductor                                       | Beryllium Copper, Gold            |
| Dielectric                                            | PEI 1000                          |

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| No. | Model         | Pin Size $\varnothing d$ |
|-----|---------------|--------------------------|
| 1   | 2.92-JFD80309 | 0.23 [0.009]             |
| 2   | 2.92-JFD80312 | 0.30 [0.012]             |
| 3   | 2.92-JFD80315 | 0.38 [0.015]             |
| 4   | 2.92-JFD80318 | 0.46 [0.018]             |
| 5   | 2.92-JFD80320 | 0.51 [0.020]             |

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|                                       |                                                                                                                                                           |                                                  |                                                                                  |                    |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                                                                                                                                           | DWN                                              | Turpanic Co, Ltd ,Inc                                                            |                    |
|                                       |                                                                                                                                                           | CHK                                              |                                                                                  |                    |
| Unit<br>mm                            | TOLERANCES UNLESS OTHERWISE SPECIFIED<br>0 PLC $\pm 0.25$<br>1 PLC $\pm 0.15$<br>2 PLC $\pm 0.12$<br>3 PLC $\pm$<br>3 PLC $\pm$<br>ANGLES $\pm 1^{\circ}$ | APVD<br><br>PRODUCT SPEC<br><br>APPLICATION SPEC | Product Model<br><br><b>2.92-JFD80312</b><br><b>2.92mm male Flange Connector</b> |                    |
| MATERIAL<br>SEE TABLE                 | FINISH<br>SEE TABLE                                                                                                                                       | WEIGHT                                           | SIZE<br>A4                                                                       | GAGE CODE<br>0T8L4 |
|                                       |                                                                                                                                                           |                                                  | DRAWING NO                                                                       |                    |

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