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| B <b>Electrical &amp; Environmental Characteristics</b> |                        |
|---|------------------------|
| Impedance   | 50 Ω                   |
| Insulation Resistance                                   | 1000 MΩ                |
| Operating Frequency                                     | DC~40GHz               |
| Dielectric Withstanding Voltage                         | 750V                   |
| VSWR  | ≤1.2                   |
| Insertion Loss  | ≤0.05* $\sqrt{f\_GHz}$ |
| Operating Temperature                                   | - 55~+165°C            |
| Material & Coat-Plating                                 |                        |
| A Inner Conductor                                       | Beryllium Copper, Gold |
| Dielectric  | PTFE                   |

| No. | Model         | Pin Size Ød  |
|-----|---------------|--------------|
| 1   | SSMA-KFD80709 | 0.23 [0.009] |
| 2   | SSMA-KFD80712 | 0.30 [0.012] |
| 3   | SSMA-KFD80715 | 0.38 [0.015] |
| 4   | SSMA-KFD80718 | 0.46 [0.018] |
| 5   | SSMA-KFD80720 | 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   | APVD         | Product Model<br><br><b>SSMA-KFD80712</b><br><b>SSMA Female Flange 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 |  |                    |            |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE   | WEIGHT       | SIZE<br>A4   | GAGE CODE<br>0T8L4 | DRAWING NO |

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