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|-------------------------------------------------------|------------------------|
| <b>Electrical &amp; Environmental Characteristics</b> |                        |
| Impedance                                             | 50 Ω                   |
| Insulation Resistance                                 | 5000 MΩ                |
| Operating Frequency                                   | DC~26.5GHz             |
| Dielectric Withstanding Voltage                       | 1000V                  |
| VSWR                                                  | ≤1.15                  |
| Insertion Loss                                        | ≤0.05* $\sqrt{f\_GHz}$ |
| Operating Temperature                                 | - 55~+165℃             |
| <b>Material &amp; Coat-Plating</b>                    |                        |
| Inner Conductor                                       | Beryllium Copper, Gold |
| Dielectric                                            | PTFE                   |

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| No. | Model            | D(Diameter)  | L(Length)   |
|-----|------------------|--------------|-------------|
| 1   | SMA-KFD30650-090 | 1.27 [0.050] | 2.3 [0.090] |
| 2   | SMA-KFD30650-098 | 1.27 [0.050] | 2.5 [0.098] |
| 3   | SMA-KFD30650-138 | 1.27 [0.050] | 3.5 [0.138] |
| 4   | SMA-KFD30650-197 | 1.27 [0.050] | 5.0 [0.197] |

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|                                       |                                       |                  |                                                                                    |                  |
|---------------------------------------|---------------------------------------|------------------|------------------------------------------------------------------------------------|------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                       | DWN              | Turpanic Co, Ltd ,Inc                                                              |                  |
|                                       |                                       | CHK              |                                                                                    |                  |
| Unit<br>mm                            | TOLERANCES UNLESS OTHERWISE SPECIFIED |                  | Product Model<br><br><b>SMA-KFD30650-090</b><br><b>SMA Female Flange Connector</b> |                  |
|                                       | 0 PLC                                 | ±0.25            |                                                                                    |                  |
|                                       | 1 PLC                                 | ±0.15            |                                                                                    |                  |
|                                       | 2 PLC                                 | ±0.12            |                                                                                    |                  |
|                                       | 3 PLC                                 | ±                | PRODUCT SPEC                                                                       | APPLICATO N SPEC |
|                                       | 3 PLC                                 | ±                |                                                                                    |                  |
|                                       | ANGLES                                | ±1°              |                                                                                    |                  |
| MATEIAL SEE TABLE                     |                                       | FINISH SEE TABLE | WEIGHT                                                                             | SIZE A4          |
|                                       |                                       |                  |                                                                                    | GAGE CODE 0T8L4  |
|                                       |                                       |                  |                                                                                    | DRAWING NO       |
| CUSTOMER DRAWING                      |                                       |                  |                                                                                    |                  |

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