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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 |

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|    |                     |              |               |
|----|---------------------|--------------|---------------|
| 5  | 2. 92-KFD50112-059  | 0.30 [0.012] | 1.5 [0.059]   |
| 6  | 2. 92-KFD50112-079  | 0.30 [0.012] | 2 [0.079]     |
| 7  | 2. 92-KFD50112      | 0.30 [0.012] | 7 [0.276]     |
| 8  | 2. 92-KFD50112-354  | 0.30 [0.012] | 9 [0.354]     |
| 9  | 2. 92-KFD50112-472  | 0.30 [0.012] | 12 [0.472]    |
| 10 | 2. 92-KFD50112-50   | 0.30 [0.012] | 12.7 [0.500]  |
| 11 | 2. 92-KFD50117-269  | 0.44 [0.017] | 6.84 [0.269]  |
| 12 | 2. 92-KFD50117-295  | 0.44 [0.017] | 7.5 [0.295]   |
| 13 | 2. 92-KFD50120-590  | 0.50 [0.020] | 15 [0.590]    |
| 14 | 2. 92-KFD5012502    | 0.64 [0.025] | 6.84 [0.269]  |
| 15 | 2. 92-KFD5012501    | 0.64 [0.025] | 10.92 [0.430] |
| 16 | 2. 92-KFD50125-1181 | 0.64 [0.025] | 30 [1.181]    |
| 17 | 2. 92-KFD50130      | 0.75 [0.030] | 30 [1.181]    |
| 18 | 2. 92-KFD50143-590  | 1.10 [0.043] | 15 [0.590]    |
| 19 | 2. 92-KFD50150-319  | 1.27 [0.050] | 8.1 [0.319]   |
| 20 | 2. 92-KFD50150-314  | 1.27 [0.050] | 8 [0.314]     |
| 21 | 2. 92-KFD50150-393  | 1.27 [0.050] | 10 [0.393]    |

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| THIS DRAWING IS A CONTROLLED DOCUMENT |                                       | DWN    | Turpanic Co, Ltd               |           | ,Inc       |
|---------------------------------------|---------------------------------------|--------|--------------------------------|-----------|------------|
|                                       |                                       | CHK    |                                |           |            |
| Unit                                  | TOLERANCES UNLESS OTHERWISE SPECIFIED |        | Product Model                  |           |            |
| mm                                    | 0 PLC                                 | ±0.25  | 2.92-KFD50143-590              |           |            |
|                                       | 1 PLC                                 | ±0.15  | PRODUCT SPEC                   |           |            |
|                                       | 2 PLC                                 | ±0.12  | 2.92mm Female Flange Connector |           |            |
|                                       | 3 PLC                                 | ±      |                                |           |            |
|                                       | 3 PLC                                 | ±      |                                |           |            |
|                                       | ANGLES                                | ±1°    | APPLICATO N SPEC               |           |            |
|                                       |                                       |        | SIZE                           | GAGE CODE | DRAWING NO |
| MATEIAL                               | FINISH                                | WEIGHT | A4                             | 0T8L4     |            |