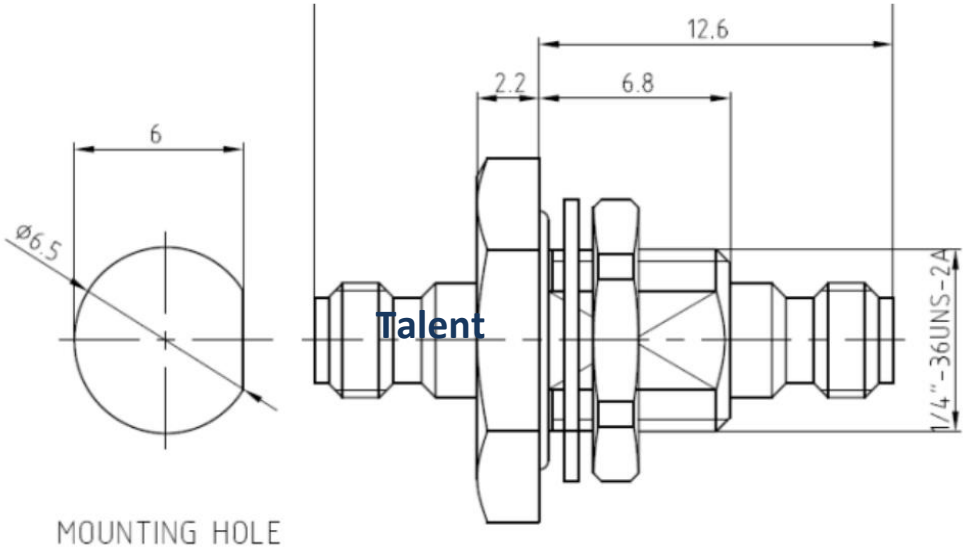




| Electrical & Environmental Characteristics |                                              |
|--------------------------------------------|----------------------------------------------|
| Impedance                                  | 50 Ohm                                       |
| Insulation Resistance                      | 5000 MΩ                                      |
| Operating Frequency                        | 110 GHz                                      |
| Dielectric Withstanding Voltage            | 1000 V                                       |
| VSWR                                       | 1.5 typ                                      |
| Insertion Loss                             | 0.05* $\sqrt{f}$ (GHz)                       |
| Hermetic Seal                              | 1*10 <sup>-8</sup> cc/sec of Helium at 1 ATM |
| Operating Temperature                      | -65~+165°C                                   |
| Material & Coat-Plating                    |                                              |
| Inner Conductor                            | Beryllium Copper, Gold                       |
| Dielectric                                 | PEI                                          |

|                                       |                                       |                  |                                                                  |            |
|---------------------------------------|---------------------------------------|------------------|------------------------------------------------------------------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                       | DWN              | Turpanic Co, Ltd ,Inc                                            |            |
|                                       |                                       | CHK              |                                                                  |            |
| Unit                                  | TOLERANCES UNLESS OTHERWISE SPECIFIED | APVD             | Product Mode                                                     |            |
| mm                                    | 0 PLC ±0.25                           |                  | 1.0-KYK-HS2                                                      |            |
|                                       | 1 PLC ±0.15                           |                  | 1.0mm Female to 1.0mm Female with vacuum sealed bulkhead Adaptor |            |
|                                       | 2 PLC ±0.12                           | PRODUCT SPEC     |                                                                  |            |
|                                       | 3 PLC ±                               |                  |                                                                  |            |
|                                       | 3 PLC ±                               |                  |                                                                  |            |
|                                       | ANGLES ±1°                            |                  |                                                                  |            |
|                                       |                                       | APPLICATO N SPEC |                                                                  |            |
|                                       |                                       | SIZE             | GAGE CODE                                                        | DRAWING NO |