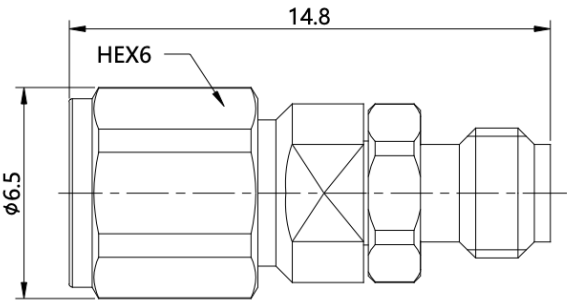


| Revisions |             |      |          |
|-----------|-------------|------|----------|
| REV:      | Description | Date | Approval |
| A.0       |             |      |          |



1. Electricals data
  - 1.1 Impedance: 50  $\Omega$
  - 1.2 Frequency range: DC to 110 GHz
  - 1.3 VSWR:  $\leq 1.4$
  - 1.4 Insertion loss:  $\leq 0.06 \times \sqrt{F}$  (F in GHz)
  - 1.5 Dielectric withstand voltage: 500 Vrms
  - 1.6 Working voltage: 150 Vrms
2. Mechanical data
  - 2.1 Mechanical life:  $\geq 500$  cycles
  - 2.2 Recommended torque: 0.3 N.m to 0.41 N.m
3. Environment data
  - 3.1 working temperature: -55  $^{\circ}\text{C}$  to +125  $^{\circ}\text{C}$
  - 3.2 RoHS: Compliant

|                  |                  |            |                                                 |                                                                                                                                                                             |               |            |               |                |                                                                                                                                                 |     |      |        |
|------------------|------------------|------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|---------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|--------|
|                  |                  |            | General tolerance<br>Unless Otherwise Specified |                                                                                                                                                                             | 0 Places;±0.2 |            | 4 Places;±0.2 |                | <div>PERFORMANCE</div> <div></div> <div>INTERCONNECT</div> |     |      |        |
|                  |                  |            |                                                 |                                                                                                                                                                             | 1 Places;±0.2 |            | Angles;       |                |                                                                                                                                                 |     |      |        |
|                  |                  |            |                                                 |                                                                                                                                                                             | 2 Places;±0.2 |            | Product:      |                |                                                                                                                                                 |     |      |        |
|                  |                  |            |                                                 |                                                                                                                                                                             | 3 Places;±0.2 |            |               |                |                                                                                                                                                 |     |      |        |
| Dielectric       | PEI              | NA         | Maker                                           | Wes                                                                                                                                                                         | Date          | 2022/04/25 |               | Drawing Number | ART10M10F-02                                                                                                                                    |     |      |        |
| Outer conductor  | Stainless steel  | Passivated | Review                                          |                                                                                                                                                                             | Date          |            |               | Description    | 1.0mm Male TO 1.0mm Female                                                                                                                      |     |      |        |
| Center conductor | Beryllium Copper | Gold       | Approved                                        |                                                                                                                                                                             | Date          |            |               |                |                                                                                                                                                 |     |      |        |
| Description      | Material         | Plating    |                                                 |   | Scale:1:5:1   |            | Unit:         | mm             | RVE                                                                                                                                             | A.0 | Page | 1 OF 1 |