

| REV | DESCRIPTION OF REVISION | By | DATE      | APPROVED |
|-----|-------------------------|----|-----------|----------|
| A   | INITIAL RELEASE         | MV | 2022/3/26 | NV       |

## TECHNICAL DATA

### ► Electrical Characteristic

|                              |                                                   |
|------------------------------|---------------------------------------------------|
| Frequency Range              | DC~33GHz                                          |
| Impedance                    | 50 Ohms                                           |
| VSWR                         | 1.2 max                                           |
| Insertion Loss               | 0.08√f(GHz)dB max                                 |
| Dielectric Withstand Voltage | 750Vrms                                           |
| Contact Resistance           | Center Contact: 4mΩ max<br>Outer Contact: 3mΩ max |
| Insulation Resistance        | 5000MΩ min                                        |
| Mating Cycles                | 500 min                                           |

### ► Material & Finishing

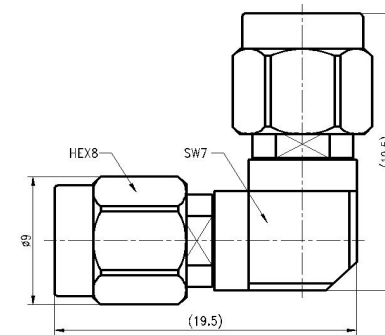
|                  |                                                  |
|------------------|--------------------------------------------------|
| Center Conductor | Gold Plated Beryllium Copper & Gold Plated Brass |
| Outer Conductor  | Passivated Stainless Steel                       |
| Insulators       | PEI & PTFE                                       |

### ► Mechanical

|                           |               |
|---------------------------|---------------|
| Force to Engage/Disengage | 0.23Nm max    |
| Recommended Mating Torque | 0.79Nm~1.13Nm |

### ► Environmental

|                        |                                         |
|------------------------|-----------------------------------------|
| Vibration              | Method 204, Test Condition D            |
| Shock                  | Method 213, Test Condition I            |
| Thermal Shock          | Method 107, Test Condition B            |
| Corrosion (Salt Spray) | Method 101, Test Condition B            |
| Moisture Resistance    | Method 106, Insulation Resistance≥200MΩ |



#### Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

|                                      |       |          |
|--------------------------------------|-------|----------|
| DRAWN: MV 26/03/22                   |       |          |
| ENGINEER: MV 26/03/22                |       |          |
| APPROVED: NV 26/03/22                |       |          |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |       |          |
| x                                    | ±0.50 | [0.019"] |
| .x                                   | ±0.20 | [0.008"] |
| .xx                                  | ±0.10 | [0.004"] |
| ANGLES                               | ±1°   |          |

#### TITLE:

Coaxial Adapter,  
3.5mm-Male to 3.5mm-  
Male, Right Angle,  
DC~33GHz

#### PART No.:

AM401040



DIMENSIONS IN MILLIMETERS(mm)

|             |        |               |           |
|-------------|--------|---------------|-----------|
| SIZE:<br>A4 | SCALE: | SHEET:<br>1/1 | REV:<br>A |
|-------------|--------|---------------|-----------|