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

# TECHNICAL DATA

## ▶ Electrical Characteristic

| | |
|---|---|
| Frequency Range | DC~18GHz |
| Impedance | 50 Ohms |
| VSWR | 1.2 max |
| Insertion Loss | 0.06√f(GHz)dB max |
| Dielectric Withstand Voltage | 2000Vrms |
| Contact Resistance | Center Contact: 1mΩ max<br>Outer Contact: 0.3mΩ max |
| Insulation Resistance | 5000MΩ min |
| Mating Cycles | 500 min |

## ▶ Material & Finishing

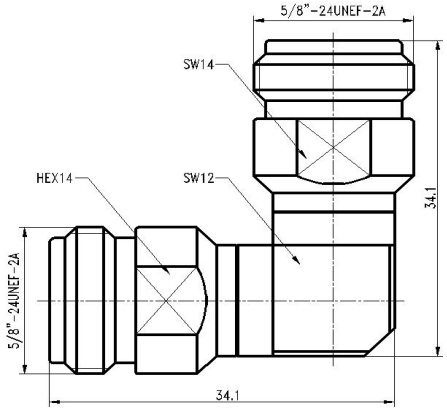
| | |
|---|---|
| Center Conductor | Beryllium Copper, Gold Plating |
| Outer Conductor | Passivated Stainless Steel |
| Insulators | PEI |

## ▶ 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:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. 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,
N-Female to N-Female,
Right Angle, DC~18GHz

PART No.:

AM401190

AMT RF

DIMENSIONS IN MILLIMETERS(mm)

| SIZE: | SCALE: | SHEET: | REV: |
|---|---|---|---|
| A4 | | 1/1 | A |