

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	1.15 max
Insertion Loss	0.05√f(GHz)dB max
Dielectric Withstand Voltage	1000Vrms
Contact Resistance	Center Contact: 3mΩ max Outer Contact: 2.5mΩ max
Insulation Resistance	5000MΩ min
Mating Cycles	500 min

► Material & Finishing

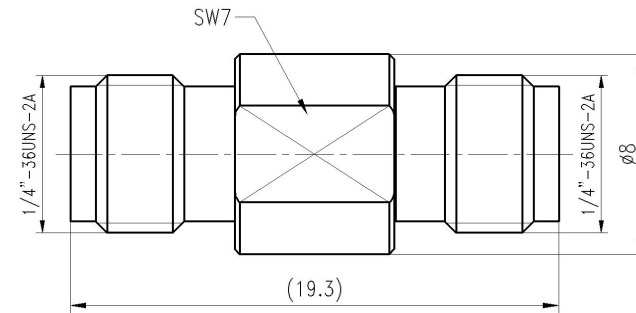
Center Conductor	Gold Plated Brass
Outer Conductor	Passivated Stainless Steel
Insulators	PEI

► Mechanical

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

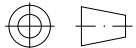
► Environmental

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:

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

DRAWN: MV 26/03/22	TITLE: Coaxial Adapter, 3.5mm-Female to 3.5mm-Female, Straight, DC~33GHz				
ENGINEER: MV 26/03/22					
APPROVED: NV 26/03/22		 DIMENSIONS IN MILLIMETERS(mm)			
TOLERANCE UNLESS OTHERWISE SPECIFIED		PART No.:	SIZE:	SCALE:	SHEET:
x ±0.50 [0.019"]	AM401039		A4		1/1
.x ±0.20 [0.008"]					REV: A
.xx ±0.10 [0.004"]					
ANGLES ±1°					