

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	MV	2022/6/3	NV

TECHNICAL DATA

► Electrical Characteristic

Frequency Range	DC~18GHz
Impedance	50 Ohms
VSWR	1.15 max
Insertion Loss	$0.1\sqrt{f(\text{GHz})}$ dB max
Dielectric Withstand Voltage	2000Vrms
Contact Resistance	Center Contact: 1mΩ max Outer Contact: 0.3mΩ max
Insulation Resistance	5000MΩ min
Mating Cycles	500 min

► Material & Finishing

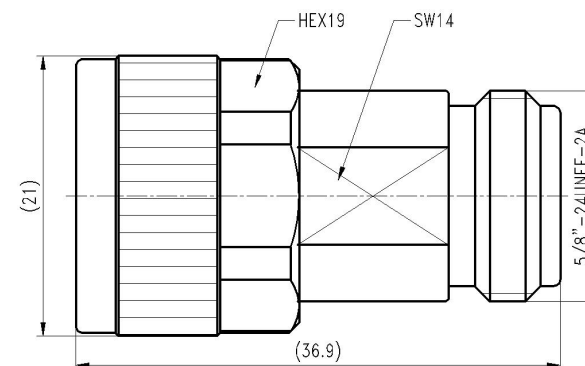
Center Conductor	Beryllium Copper, Gold Plated
Outer Conductor	Passivated Stainless Steel
Insulators	PEI

► 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
Temperature	-55°C~+165°C



Notes:

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

DRAWN: MV 03/06/22			TITLE: Coaxial Adapter, N-Male to N-Female, Straight, DC~18GHz	AMT RF		
ENGINEER: MV 03/06/22						
APPROVED: NV 03/06/22						
TOLERANCE UNLESS OTHERWISE SPECIFIED						
x	±0.50	[0.019"]	PART No.:		DIMENSIONS IN MILLIMETERS(mm)	
.x	±0.20	[0.008"]				
.xx	±0.10	[0.004"]				
ANGLES	±1°					
AM401184			SIZE:	SCALE:	SHEET:	REV:
			A4		1/1	A