

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	MV	2022/4/12	NV

TECHNICAL DATA

► Electrical Characteristic

Frequency Range	DC~18GHz
Impedance	50 Ohms
VSWR	1.15 max
Insertion Loss	0.04√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

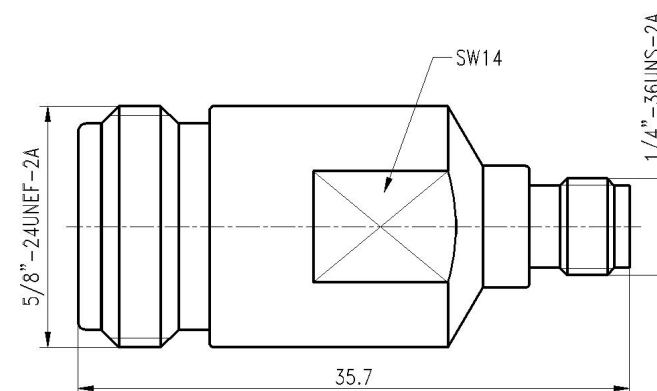
Center Conductor	Beryllium Copper, Gold Plating
Outer Conductor	Passivated Stainless Steel
Insulators	PTFE & PEI

► 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 Range	-55°C~+165°C



Notes:

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

DRAWN: MV 12/04/22			TITLE: Coaxial Adapter, N-Female to SMA-Female, Straight, DC~18GHz AMT RF				
ENGINEER: MV 12/04/22							
APPROVED: NV 12/04/22							
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	DIMENSIONS IN MILLIMETERS(mm)				
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						
PART No.:			SIZE:		SCALE:	SHEET:	REV:
AM401178			A4			1/1	A