

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	1.20 max
Insertion Loss	0.04√f(GHz)dB max
Dielectric Withstand Voltage	2000Vrms
Contact Resistance	Center Contact: 3mΩ max Outer Contact: 5mΩ max
Insulation Resistance	5000MΩ min
Mating Cycles	500 min

► Material & Finishing

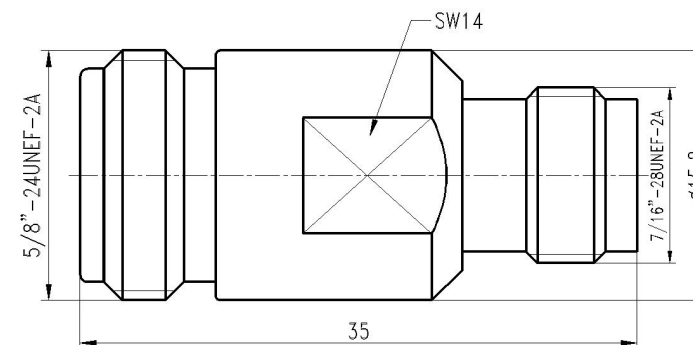
Center Conductor	Beryllium Copper, Gold Plating
Outer Conductor	Passivated Stainless Steel
Insulators	PTFE & PEI

► Mechanical

Force to Engage/Disengage	0.23Nm max
Recommended Mating Torque	N: 0.79Nm~1.13Nm TNCA: 0.45Nm~0.68Nm

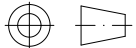
► Environmental

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 26/03/22	TITLE: Coaxial Adapter, N-Female to TNCA- Female, Straight, DC~18GHz			
ENGINEER: MV 26/03/22				
APPROVED: NV 26/03/22		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED		SIZE:	SCALE:	SHEET:
x ±0.50 [0.019"]	PART No.: AM401205	A4		1/1
.x ±0.20 [0.008"]				REV:
.xx ±0.10 [0.004"]				A
ANGLES ±1°				