REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/3/26	C. Chen

TECHNICAL DATA

▶ Electrical Characteristic

Frequency Range	DC~18GHz
Impedance	50 Ohms
VSWR	1.25 max
Insertion Loss	0.1√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

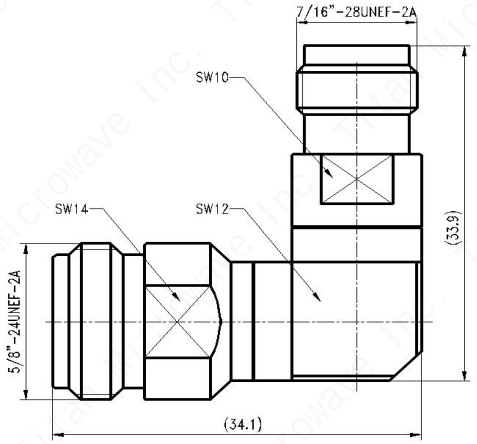
Center Conductor	Gold Plated Brass & Gold Plated Beryllium Copper
Outer Conductor	Stainless Steel, Passivated
Insulators	PEI & PTFE

▶ 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



Notes:

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

DRAWN: L. Ma 26/03/22

ENGINEER: J. Zhu 26/03/22

APPROVED: C. Chen 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 TNCA-Female, Right Angle, DC~18GHz

PART No.:
TMCARANFGF

成都巨人微波 TITAN MICROWAVE INC.
- A Professional RF & Microwave Components Supplier -

DIMENSIONS IN MILLIMETERS(mm)

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