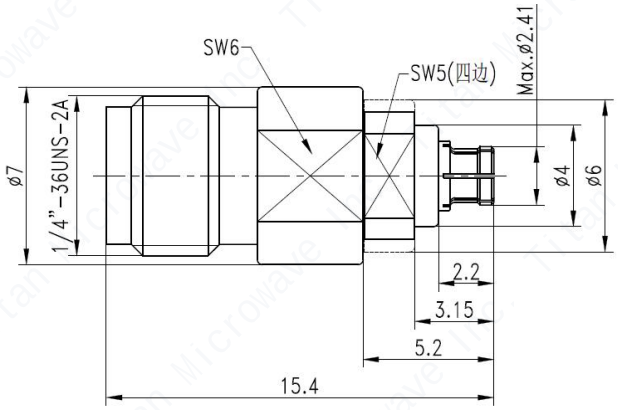
REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/3/26	C. Chen

TECHNICAL DATA

▶ Electrical Characteristic

Frequency Range	DC~18GHz
Impedance	50 Ohms
VSWR	1.2 max
Insertion Loss	0.06√f(GHz)dB max
Dielectric Withstand Voltage	500Vrms
Contact Resistance	Center Contact: 6mΩ max Outer Contact: 2.5mΩ max
Insulation Resistance	5000MΩ min
Mating Cycles	SMA: 500 min, SSMP: 100 min(full detent)



▶ Material & Finishing

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

▶ Mechanical

Force to Engage/Disengage	SMA: 0.23Nm max; SSMP: 20N~36N(full detent)
Recommended Mating Torque	SMA: 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:

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	TITLE: Coaxial Adapter, SMA-Female to SSMP-Female, Straight, DC~18GHz	成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -
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°	PART No.: TMCASFXF	DIMENSIONS IN MILLIMETERS(mm)

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