

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

TECHNICAL DATA

► Electrical Characteristic

Frequency Range	DC~40GHz
Impedance	50 Ohms
VSWR	1.25 max
Insertion Loss	0.12√f(GHz)dB max
Dielectric Withstand Voltage	500Vrms
Contact Resistance	Center Contact: 6mΩ max Outer Contact: 3mΩ max
Insulation Resistance	5000MΩ min@100V
Mating Cycles	2.92mm: 500 min SMP(full detent): 100 min, SMP(limited detent): 500 min

► Material & Finishing

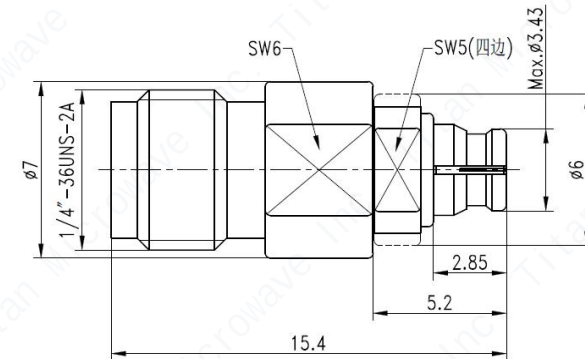
Center Conductor	Beryllium Copper, Gold Plating
Outer Conductor	Passivated Stainless Steel & Beryllium Copper, Gold Plating
Insulators	PEI

► Mechanical

Force to Engage/Disengage	2.92mm: 0.23Nm max, SMP: 9N~45N(limited detent) SMP: 22N~68N(full detent)
Recommended Mating Torque	2.92mm: 1.65Nm

► 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:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- 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,
2.92mm-Female to SMP-
Female, Straight,
DC~40GHz

PART No.:

TMCAKFPF



DIMENSIONS IN MILLIMETERS(mm)

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