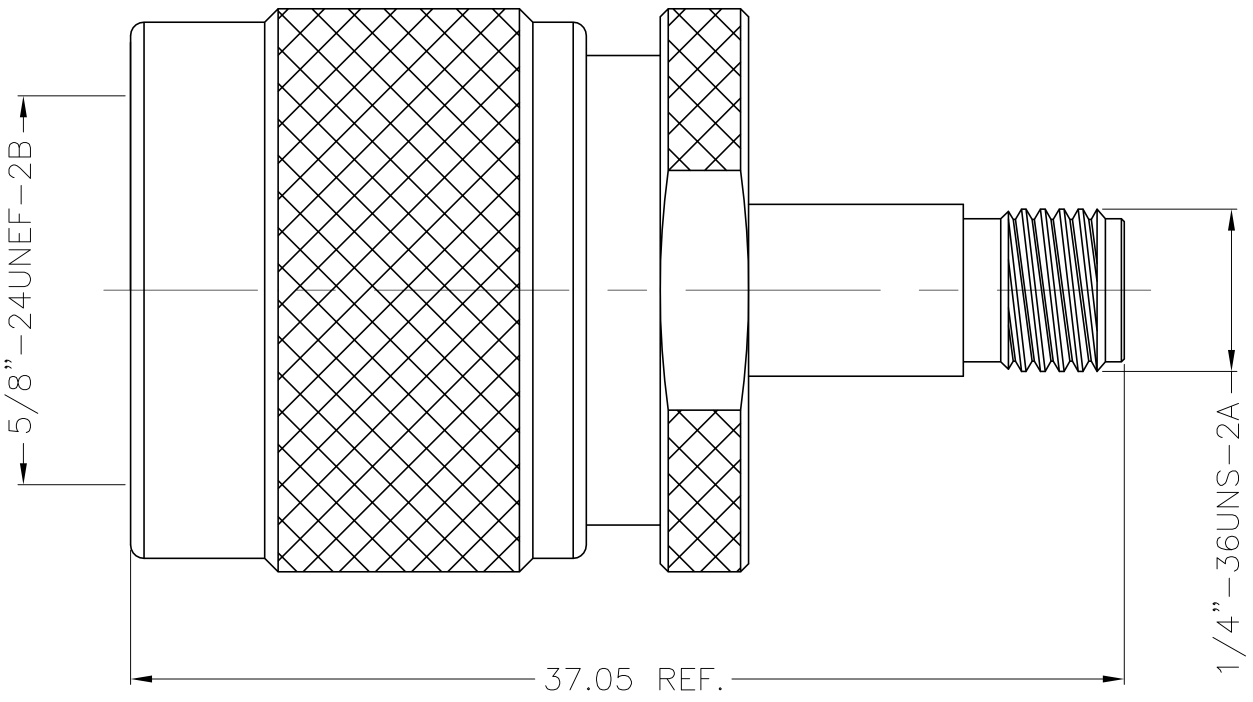

ELECTRIC PERFORMANCE:
1. IMPEDANCE: 50 Ω
2. FREQUENCY RANGE: DC – 18 GHz
3. VSWR: 1.25 MAX
4. INSULATION RESISTANCE: 5000MΩ MIN.
5. DIELECTRIC WITHSTANDING VOLTAGE: 1000V VRMS

MECHANICAL:
1. DURABILITY: 500 CYCLES MIN.

ENVIRONMENT
1. TEMPERATURE RANGE: –65°C TO +165°C

FINISH: (PLATING THICKNESS IN MICRO–INCHES)
1. NICKEL PL. 120 MIN. OVER COPPER PL. 50 MIN.
2. THIN GOLD OVER NICKEL PL. 50 MIN.

NO	DESCRIPTION	QTY	MATERIAL	FINISH	PART NUMBER
8	RETAINING RING	1	SUS304	FINISH 1	
7	GASKET	1	SILICONE	RED	
6	SHELL	1	BRASS	FINISH 1	
5	PIN	1	PHOSPHOR BRONZE	FINISH 2	
4	INSULATOR II	1	PTFE	WHITE	
3	INSULATOR I	1	PTFE	WHITE	
2	BODY II	1	BRASS	FINISH 1	
1	BODY I	1	BRASS	FINISH 1	

REVISIONS

DATE	EDITOR	DESCRIPTION	REV.
22.01.27	chen cheng	NEW RELEASE	

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DRAWING NO
7012-2110-01

TITLE
N PLUG TO SMA JACK ADAPTER

APPROVED BY
CHECKED BY Pei Ming
DRAWING BY chen cheng

UNLESS OTHERWISE NOTED TOLERANCES ARE:
<10mm ±0.2mm
10 - 30mm ±0.5mm
30 - 120mm ±1.0mm
1000 - 2000mm ±1.2mm
ANGLES ±5°

THIRD ANGLE PROJECTION

SCALE 3.5:1 UNIT mm

WiPro RF SOLUTIONS

RoHS COMPLIANCE

MS46122A

MODEL: 7012-2110-01
DEVICE ID:

DATE: 06/21/2022 10:31
OPERATOR: chen cheng

START: 0.010000000 GHz
STOP: 18.000000000 GHz
STEP: 0.036052104 GHz

GATE START: -
GATE STOP: -
GATE: -
WINDOW: -

ERROR CORR: 12-TERM
AVERAGING: 1 PT
IF BNDWDTH: 1 KHz

	---TR1---	---TR2---	---TR3---	---TR4---
PARAMETER:	-S11-	-S12-	-S22-	-S21-
NORMALIZATION:	OFF	OFF	OFF	OFF
REFERENCE PLANE:	0.0000mm	0.0000mm	0.0000mm	0.0000mm
SMOOTHING:	0.0 PERCENT	0.0 PERCENT	0.0 PERCENT	0.0 PERCENT
DELAY APERTURE:	-	-	-	-

MARKERS:

MKR #	FREQ GHz	SWR UNITS	MAGNITUDE dB	SWR UNITS	MAGNITUDE dB
1	6.089707882	1.083E+00	-0.471	1.072E+00	-0.463
2	9.000000000	1.113E+00	-0.189	1.119E+00	-0.195
3	12.000000000	1.107E+00	-0.220	1.104E+00	-0.211
4	18.000000000	1.139E+00	-0.176	1.147E+00	-0.209