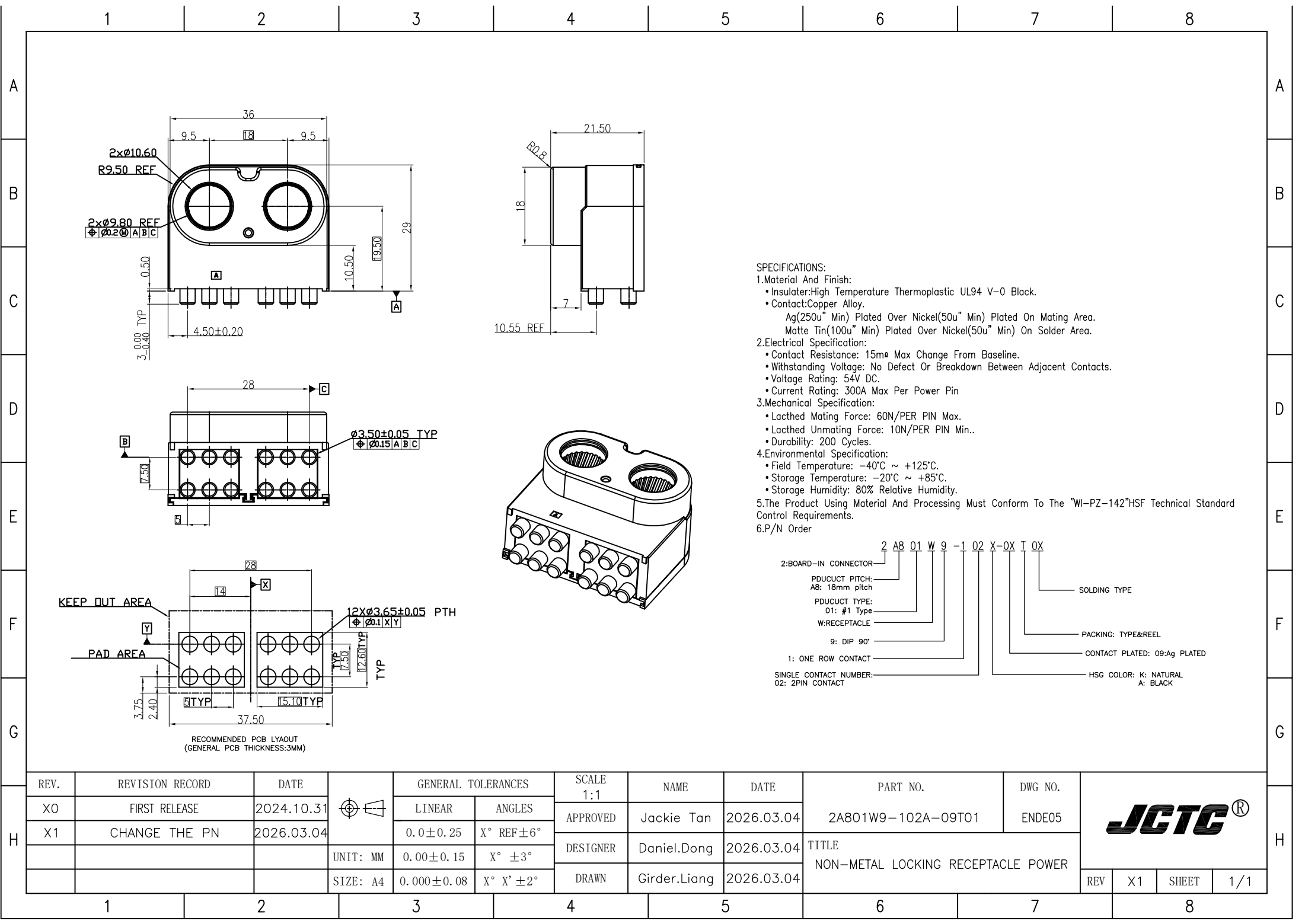




SPECIFICATIONS:

1.Material And Finish:

- Insulator:High Temperature Thermoplastic UL94 V-0 Black.
- Contact:Copper Alloy.
- Ag(250u" Min) Plated Over Nickel(50u" Min) Plated On Mating Area.
- Matte Tin(100u" Min) Plated Over Nickel(50u" Min) On Solder Area.

2.Electrical Specification:

- Contact Resistance: 15mΩ Max Change From Baseline.
- Withstanding Voltage: No Defect Or Breakdown Between Adjacent Contacts.
- Voltage Rating: 54V DC.
- Current Rating: 300A Max Per Power Pin

3.Mechanical Specification:

- Latched Mating Force: 60N/PER PIN Max.
- Latched Unmating Force: 10N/PER PIN Min..
- Durability: 200 Cycles.

4.Environmental Specification:

- Field Temperature: -40°C ~ +125°C.
- Storage Temperature: -20°C ~ +85°C.
- Storage Humidity: 80% Relative Humidity.

5.The Product Using Material And Processing Must Conform To The "WI-PZ-142"HSF Technical Standard Control Requirements.

6.P/N Order

2:BOARD-IN CONNECTOR

PDUUCT PITCH:
A8: 18mm pitch

PDUUCT TYPE:
01: #1 Type

W:RECEPTACLE

9: DIP 90°

1: ONE ROW CONTACT

SINGLE CONTACT NUMBER:
02: 2PIN CONTACT

SOLDING TYPE

PACKING: TYPE&REEL

CONTACT PLATED: 09:Ag PLATED

HSG COLOR: K: NATURAL
A: BLACK

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.				
X0	FIRST RELEASE	2024.10.31		LINEAR	ANGLES	APPROVED	Jackie Tan	2026.03.04	2A801W9-102A-09T01	ENDE05				
X1	CHANGE THE PN	2026.03.04		0.0±0.25	X° REF±6°	DESIGNER	Daniel.Dong	2026.03.04	TITLE NON-METAL LOCKING RECEPTACLE POWER					
				UNIT: MM	0.00±0.15	X° ±3°								
				SIZE: A4	0.000±0.08	X° X' ±2°	DRAWN	Girder.Liang	2026.03.04					
											REV	X1	SHEET	1/1