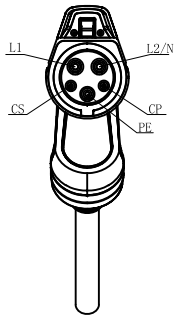
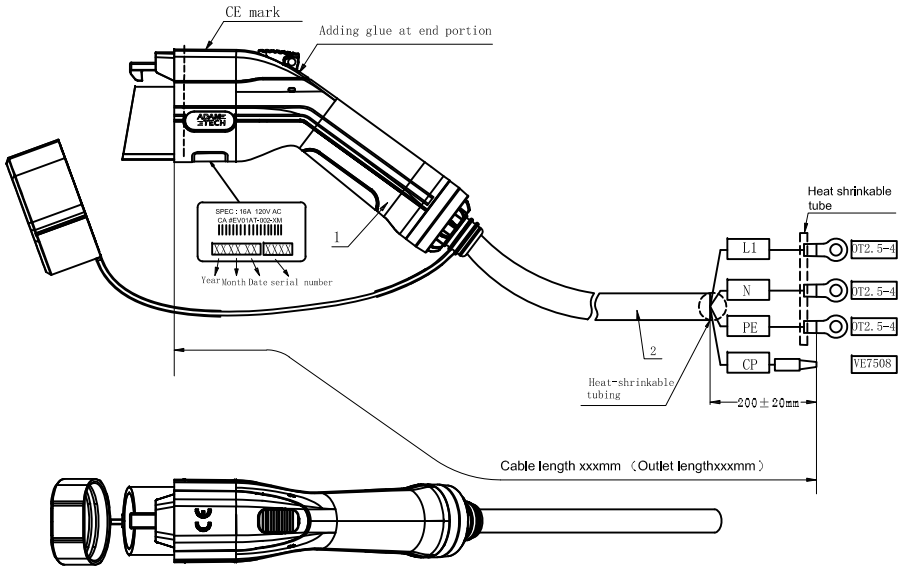
APPROVED: _____

DATE: _____ TITLE: _____

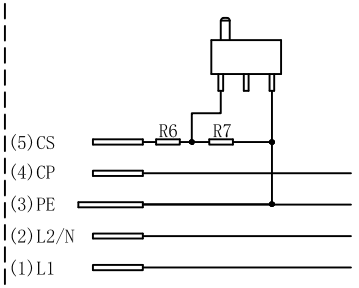
Rev	AWO #	Description	Date	Appr
-		RELEASED	6/4/20	
A		UPDATED TITLE	1/7/22	JJ/RC

Pin Layout Chart





Method of connecting wire



Function	Color	16A 120V AC
L1	Brown	2.5mm²
N	Blue	2.5mm²
PE	Yellow-Green	2.5mm²
CP	Black	0.5mm²
CS	——	——

Remark:
R7=330Ω R6=150Ω

ADAM TECH P/N	LENGTH
CA #EV01AT-002-3M	3,000mm ±30mm
CA #EV01AT-002-5M	5,000mm ±30mm

SPECIFICATIONS:
Material:
Insulator: PC, Thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Copper Alloy, Silver plated surface
Electrical:
Current rating: 16A
Voltage rating: 120 VAC
Contact Impedance: 0.5 mohms max
Insulation resistance: 1,000 Mohms min, DC 500V
Dielectric withstanding voltage: 2,000V
Mechanical:
Mechanical life: unloaded plugged: >10,000
Insertion and Extraction Force: <80N
Temperature Rating:
Operating temperature: -30°C to +50°C
Environmental:
Waterproof grade: IP54
Lead free, RoHS compliant

RoHS COMPLIANT

Charging plug: according to SAE J1772-2017 standard
Charging cable: 3x2.5mm²+1x0.5mm² (outer leather material TPE)

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED

DRAWN	OW	6/4/20
CHECKED	AC	6/4/20
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

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TITLE
CABLE ASSEMBLY EV CHARGER
TYPE 1 FEMALE PLUG 16A 120V 1PHASE 2.5MM² TUV

SIZE	PART NO.	REV.
X	CA #EV01AT-002-XM	A

REF: - SCALE: NTS SHEET 1 OF 1