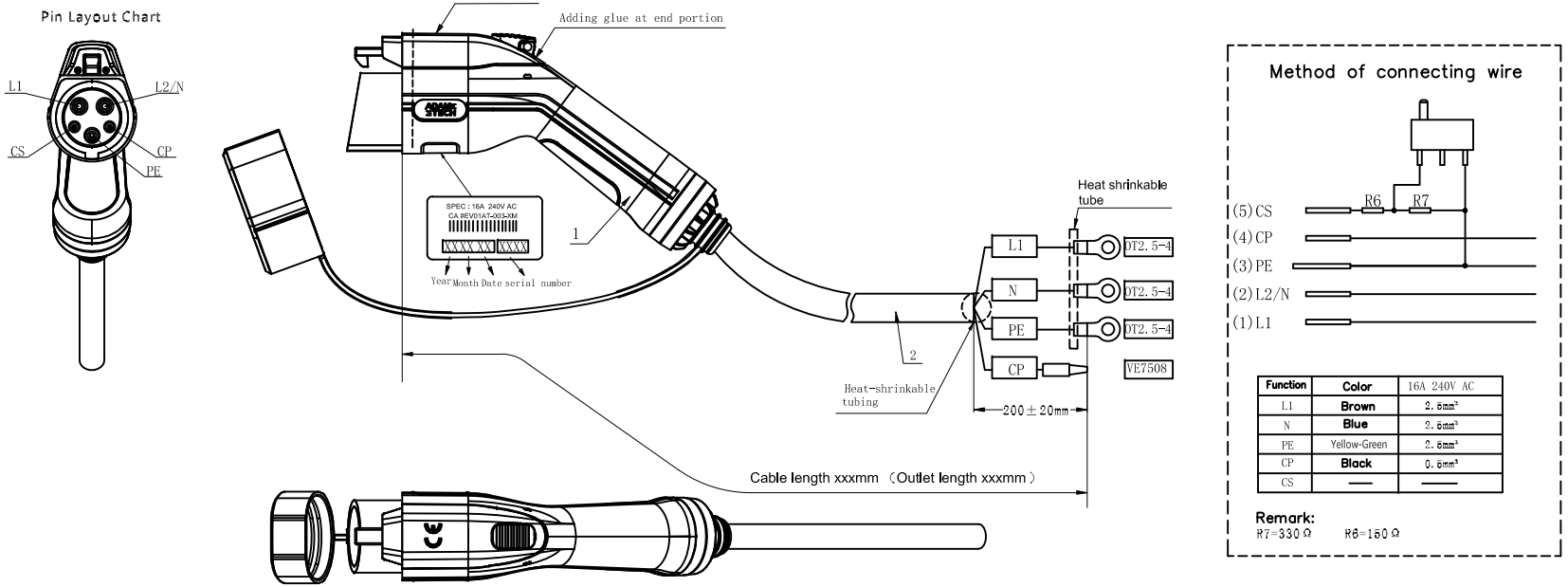
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/11/20	
A		UPDATE TITLE	1/7/21	WX/RC



Function	Color	16A 240V AC
L1	Brown	2.5mm²
N	Blue	2.5mm²
PE	Yellow-Green	2.5mm²
CP	Black	0.5mm²
CS	—	—

SPECIFICATIONS:

Material:

Insulator: PC, Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy, Silver plated surface

Electrical:

Current rating: 16A

Voltage rating: 240 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

Charging plug: according to SAE J1772-2017 standard

Charging cable: 3x2.5mm²+1x0.5mm² (outer leather material TPE)

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	Ø.X	±.10
.XX	± .020	Ø.XX	±.015
.XXX	± .015	Ø.XXX	±.010

DRAWN	OW	3/11/20
CHECKED	AC	3/11/20
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 240V 1PHASE 2.5MM² TUV

SIZE	PART NO.	REV.
X	CA #EV01AT-003-XM	A

REF: - SCALE: NTS SHEET 1 OF 1