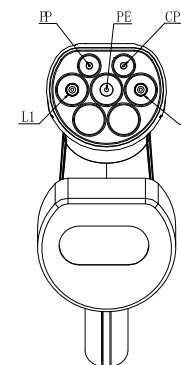
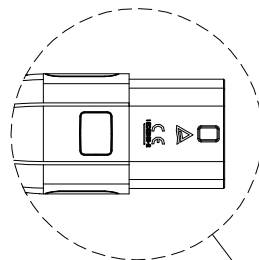
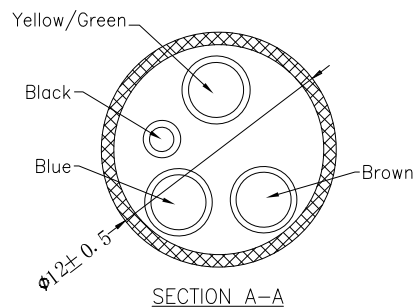


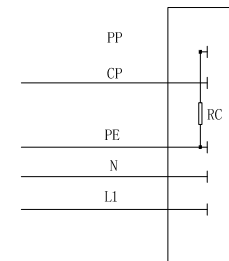
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/6/20	
A		UPDATE DRAWING	10/27/21	LH/AY1

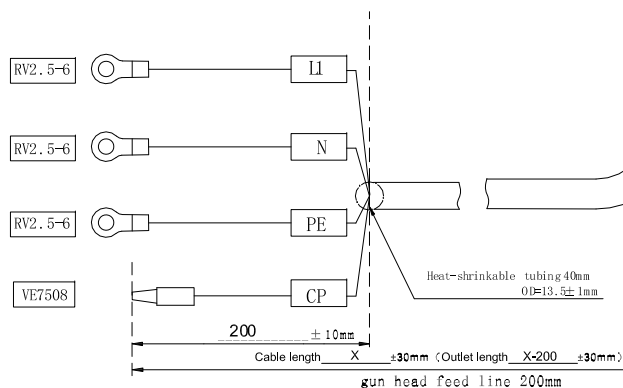


(Method of connecting wire)



FUNCTION	(Color)	16 A 250 V AC
CP	(Black)	0.5 mm ²
PP	—	—
PE	(Yellow-Green)	2.5 mm ²
N	(Blue)	2.5 mm ²
L1	(Brown)	2.5 mm ²

Remark:
R1=680 Ω RC=680 Ω



SPECIFICATIONS:

Material:

Insulator: PC+PA66, Glass reinforced, Thermoplastic, rated UL 94V-0

Insulator color: White

Contacts: Copper Alloy, Silver plated surface

Electrical:

Current rating: 16A

Voltage rating: 250 VAC

Contact Impedance: 0.5 mohms max

Insulation resistance: 5,000 Mohms min, DC 500V

Dielectric withstanding voltage: 2,000V

Mechanical:

Mechanical life: unloaded plugged: >10,000

Insertion and Extraction Force: <100N

Temperature Rating:

Operating temperature: -30°C to +50°C

Environmental:

Waterproof grade: IP54

Lead free, RoHS compliant



CA #EV02AT-003-XM
SPEC:16A 250V AC
XXXXXXXXXX
Year Month Date serial number

ADAM TECH P/N	LENGTH
CA #EV02AT-003-3M	3,000mm ±30mm
CA #EV02AT-003-5M	5,000mm ±30mm

Charging plug: according to IEC62196-1 2014, IEC62196-2 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	5/6/20
CHECKED	AC	5/6/20
APPROVED		

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

**ADAM
TECH**

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Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE
CABLE ASSEMBLY EV CHARGER
TYPE 2 MALE PLUG 16A 1PHASE 2.5MM² TUV

SIZE X	PART NO. CA #EV02AT-003-XM	REV. -
REF: 800199C	SCALE: NTS	SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

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