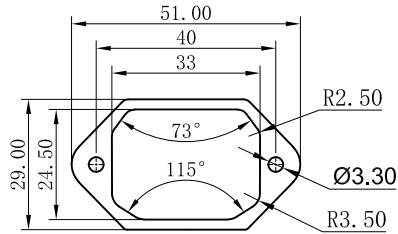


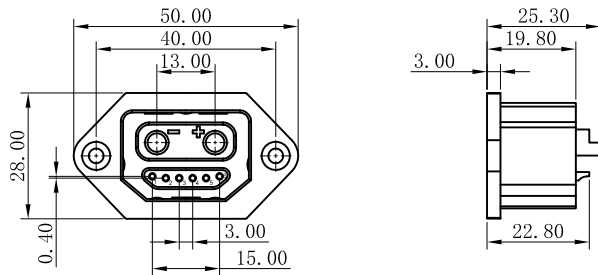
Dept
Qty
DC 1
ED 1
IE 1
ISO 1
PD 1
R&D 1
SD 1
QA 1
QC 1
QE 1

CONNFLY Electronic Co., Ltd. and its confidential. Any disclosure to a party other than the recipient is prohibited. The intellectual properties and its rights are reserved. All intellectual properties provided herein are for reference purposes only and does not constitute authorization of its use in any format or manner. CONNFLY may enforce its intellectual property rights at its own discretion; failures or delays to exercise such rights does not constitute a waiver of such rights.

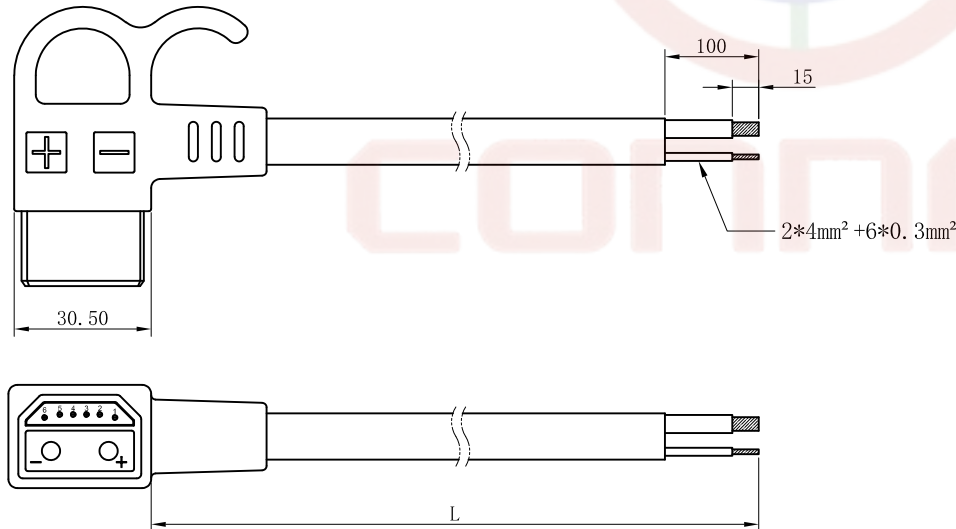
FEMALE



Installation size



MALE



Strictly prohibit live
plugging and unplugging

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 03/20/25'		
B	NEW RELEASE	WPY 06/10/25'		

Notes:

Specifications:

1. Rated current: 50A
2. Instantaneous current: 100A
3. Rated voltage: 500V DC
4. Arc resistance: >128
5. Dielectric constant: $>4C^2/(N \cdot M^2)$
6. Operation temperature: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$
7. Recommended wire gauge for female connectors: 10AWG

Machine:

1. Rockwell hardness: >119R
2. Tensile fracture strength: >700kg/cm²
3. Plug and unplug lifespan: 5000 times
4. Shearing strength: >790kg/cm²

Materials:

1. Insulation Material: PA6
2. Contact materials: Brass with nickel plating (Male)
Brass with gold plating (Female)

3. Protection level: UL94V-0

4. Waterproof grade: IP67

Product Number Code:

DS1172-02-XXXXXX

Packing type:

P: Ploybag

Line length: (Only Male)

1500: 1500mm

Wire guage: (Only Male)

1: 2*4mm² + 6*0.3mm²

Housing color:

B: Black

Contact Plating

N: Full nicke (Male)

8: Full gold flash (Female)

1: Full nicke (male) + Full gold flash (female)

Connector type:

F: Female M: Male

A: Female + Male

No. of Contacts

8: 8Pin

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.60	X.	±5°
.X	±0.38	.X	±3°
.XX	±0.25	.XX	±2°
DRAWING TYPE		CUSTOMER	
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	C-DS1172-02-XXXXXXXXXX-B		

PROJECTION		TITLE	2+6 (8-CORE) 40A BATTERY SWAPPING CONNECTOR FEMALE/MALE RIBBON CABLE
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1172-02 SERIES



晨翔电子有限公司
CONNFLY CONNFLY ELECTRONIC CO. LTD