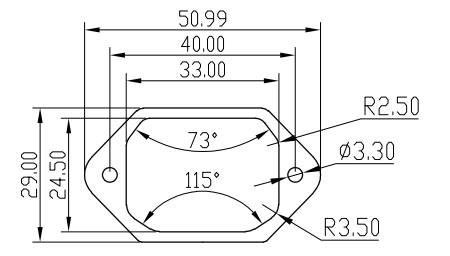


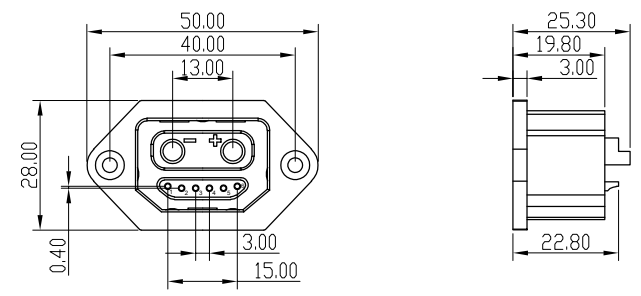
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REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	WPY 03/20/25'		

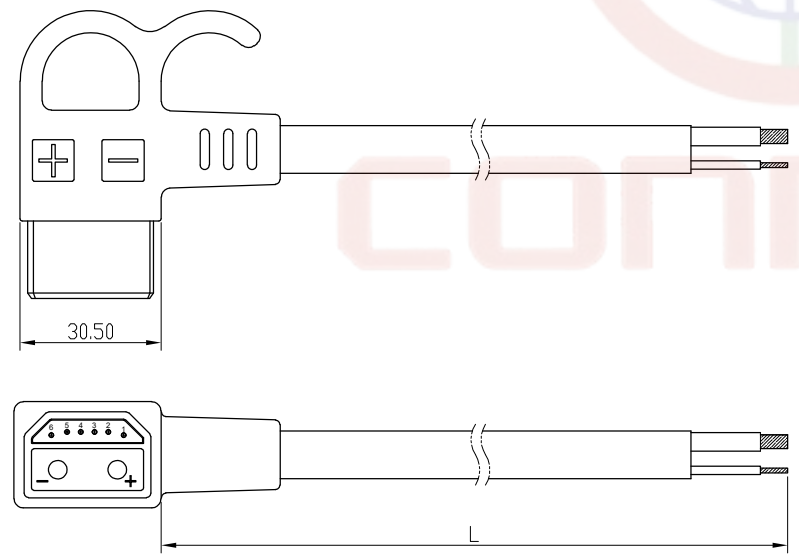
FEMALE



Installation size



MALE



Notes:

Specifications:

1. Rated current: 50A
2. Instantaneous current: 100A
3. Rated voltage: 500V DC
4. Arc resistance: > 128
5. Dielectric constant: > 4C²/(N*M²)
6. Operation temperature: -20 °C ~+65 °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-X X X X X X

- Packing type:
P: Ploybag
- Line length: (Only Male)
1500: 1500mm
- 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

Strictly prohibit live plugging and unplugging

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-XXXXXX-A		

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
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