

POWERFIT SINGLE POLE CONNECTOR

500A

LINE DRAIN

KUPO®

Features

- * Brass contact with silver plating ensures excellent conductivity
- * Ergonomic rubber grip enhances handling comfort and safety
- * Durable thermoplastic body offers superior impact resistance and electrical insulation
- * O-ring provides an excellent protection against water and dust ingress after mating
- * M40*1.5 cable gland with rubber bushing for secure IP67-rated sealing



Item Number: PFLD-1BK-S150M40A

Phase: Line 1

Color: Black

Type: Double Set Screws (for 150mmsq cable)

Cable Gland (Standard): M40/CG-M4015-32



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111303479

Material Information

Connector Body: Non-conductive high impact-resistant thermoplastic

Contact Material: Brass (silver-plated)

O-Ring: Silicone

Cable Gland & Bushing: Nylon, Rubber & Silicone

Electrical Information

Amperage Rating: 500A Maximum

Voltage Rating: 1000V AC/DC Maximum

Test Voltage: 4500V AC

Short Circuit Rating: Up to 35.5kA

Insulation Resistance: > 5000M Ohms at 500V AC

Contact Resistance: 0.1m Ohms



Mechanical Information

Contact Type: Set screw

Set Screw Torque: 10.5 N/meter (minimum required)

Connection Type: Push-and-twist

Cable Gland Size: M40 x 1.5 with sealing bushing (Inner Diameter: 14-22 mm and 23-33 mm)

Mating Cycle: 500

Environmental Information

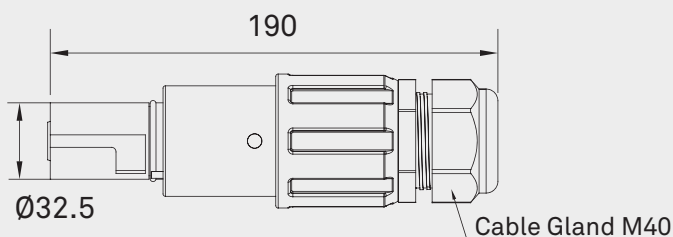
Ingress Protection: IP67 rating while mated

Flammability: UL94-V0 (body material rating)

Working Temperature: -25 to 125 Celsius Degree

Certifications: TÜV, CE, RoHS and REACH compliant

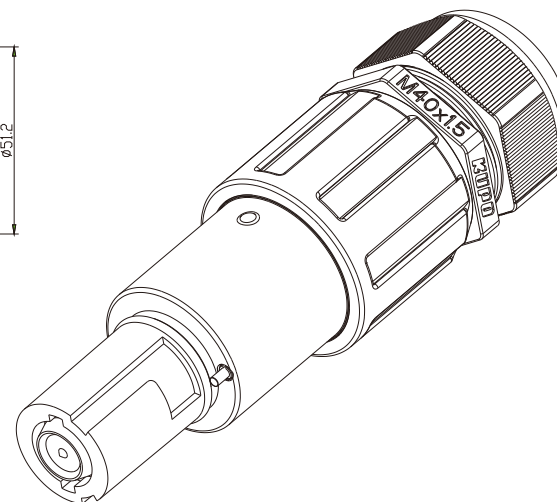
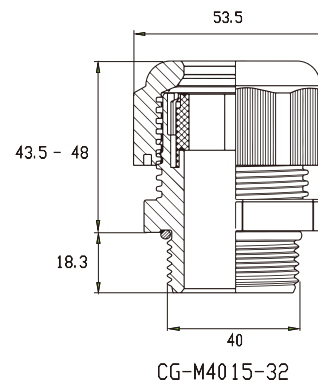
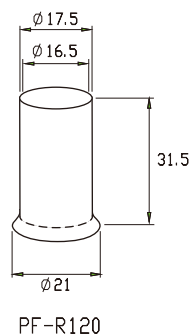
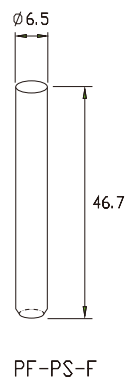
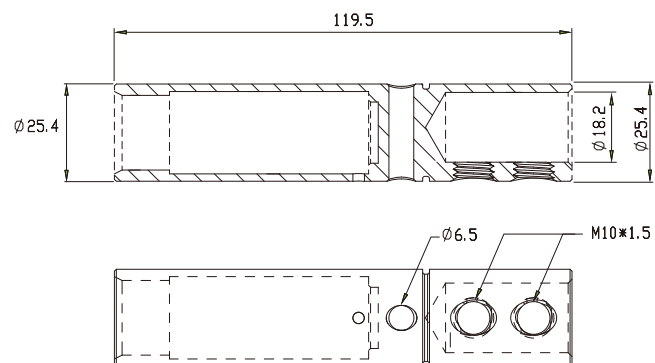
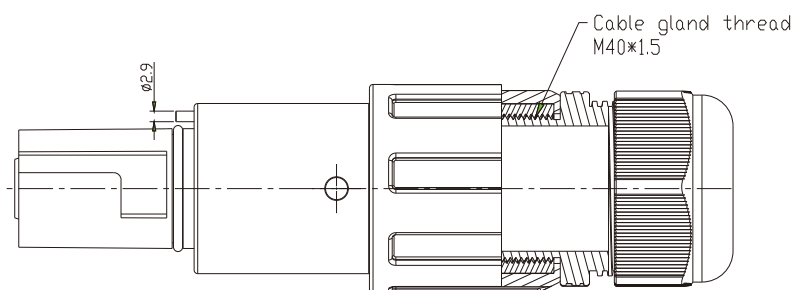
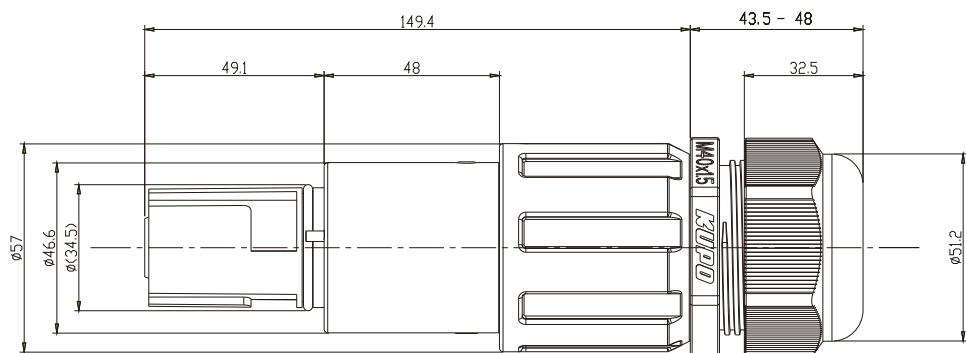
Dimensions



unit : mm

- Specifications subject to change without notice.
- www.stage.com.tw

2026 V1



KUPO®

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KUPO Shanghai Co., Ltd.

Address: Building 66, No. 2050 Dingsheng Rd.,

Songjiang District, Shanghai, China

Websites: kupopower.com / kupopower.com.cn

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KUPO Powerfit connectors are designed to be compatible and intermateable with other ITT Powerlock style connectors such as P3 Powersafe and Ten47 Powerline.

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS

DO NOT SCALE

ORG. SCALE

NTS

CREATE DATE:

10/Aug/2026

MATERIAL

HOUSING: Non-conductive, high-impact-resistant thermoplastic, UL 94 V-0

CONTACT: Silver-plated brass

TITLE

500A POWERFIT LINE DRAIN CONNECTOR

DWG. NO.

KPFLD500

ISSUE NO.

1



CB UK CA CE

