

POWERFIT SINGLE POLE CONNECTOR

500A

PANEL DRAIN



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



Item Number: PFPD-3GY-T5

Phase: Line 3

Color: Gray

Type: Threaded post



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

Nut & Washer: Brass

Electrical Information

Amperage Rating: 500A Maximum

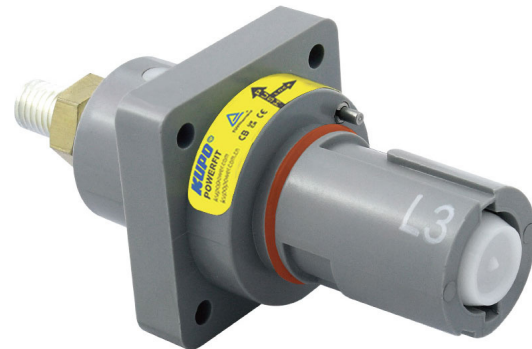
Voltage Rating: 1000V AC/DC Maximum

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: M12 threaded post

Nut Torque: Maximum 12-14 N/meter

Connection Type: Push-and-twist

Mating Cycle: 500

Environmental Information

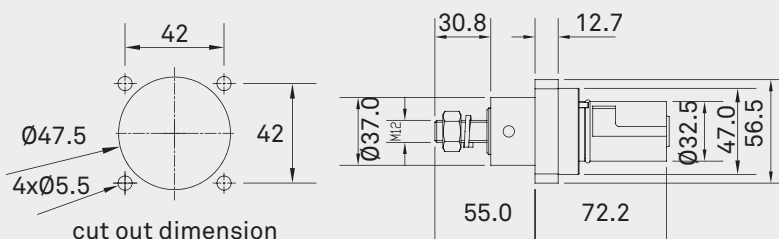
Ingress Protection: IP67 rating while mated

Flammability: UL94-V0 (body material rating)

Working Temperature: -25 to 125 Celsius Degree

Certifications: TÜV, CE, RoHS and REACH compliant

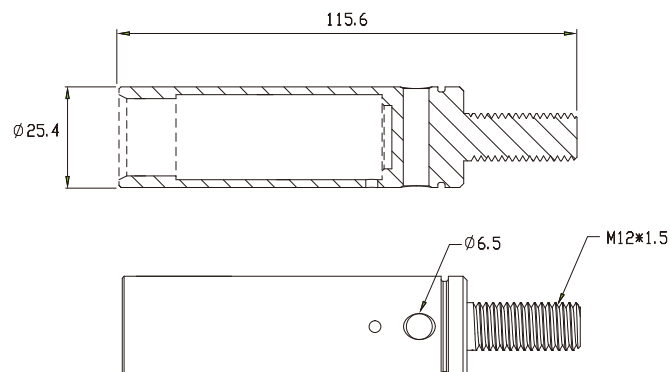
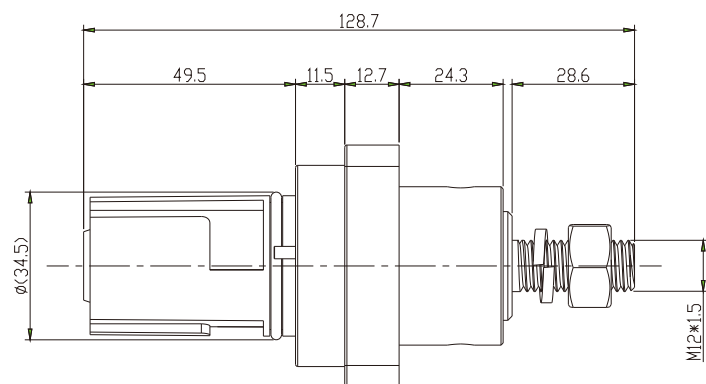
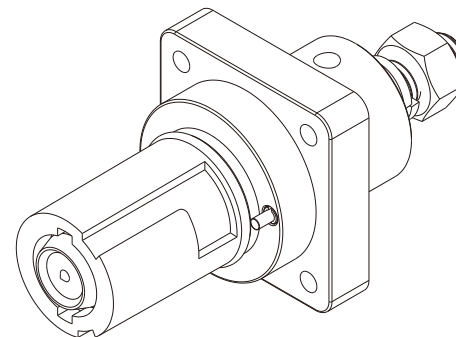
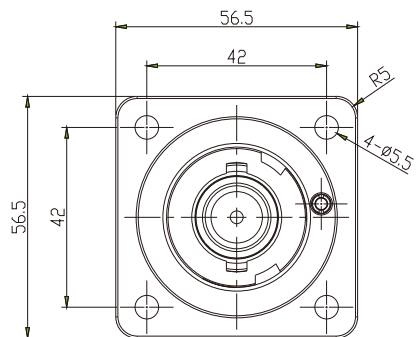
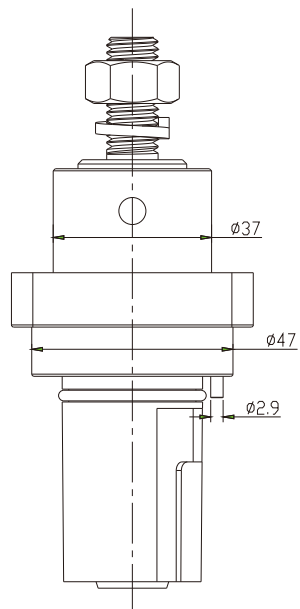
Dimensions



unit : mm

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

2026 V1



KUPO®

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KUPO 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 PANEL DRAIN CONNECTOR

DWG. NO.

KPFPD500

ISSUE NO.

1



CB UK CA CE

