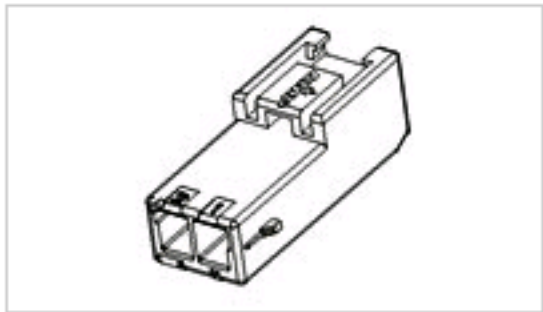


2005248-9 Product Details

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Power Double-Lock Connectors

PDL 2P CAP 3.96 F/H (GWT) BLK

2005248-9 

TE Internal Number: 2005248-9

Product Highlights [View All](#)

- Wire-to-Wire
- Applies To Wire/Cable
- Connector
- Housing
- Connector Style = Receptacle

Pricing & Availability

Request Sample

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Feedback

Documents

Features

Compliance

Please Note:  
Use the Product Drawing for all design activity

| Product Type Features |               |
|-----------------------|---------------|
| Product Type          | Connector     |
| Connector Type        | Housing       |
| Wire/Cable Type       | Discrete Wire |

| Mechanical Attachment |            |
|-----------------------|------------|
| Mating Retention Type | Latch(ing) |

| Electrical Characteristics  |    |
|-----------------------------|----|
| Operating Voltage Reference | AC |

| Termination Features             |       |
|----------------------------------|-------|
| Termination Method to Wire/Cable | Crimp |

| Body Features    |          |
|------------------|----------|
| Wire Type        | Stranded |
| Mating Retention | With     |

| Contact Features |         |
|------------------|---------|
| Contact Type     | Tab     |
| Contact Layout   | In-Line |

| Housing Features                                                                                            |              |
|-------------------------------------------------------------------------------------------------------------|--------------|
| Connector Style                                                                                             | Receptacle   |
| Centerline (mm [in])<br> | 3.96 [0.156] |
| Housing Material                                                                                            | PA66         |
| Housing Color                                                                                               | Black        |
| Mating Alignment                                                                                            | With         |
| Mating Alignment Type                                                                                       | Polarization |

| Configuration Features                                                                                                    |   |
|---------------------------------------------------------------------------------------------------------------------------|---|
| Number of Positions                  | 2 |
| Number of Rows                                                                                                            | 1 |
| Number of Double-Lock Plates Required  | 1 |

| Industry Standards                                                                                             |                                    |
|----------------------------------------------------------------------------------------------------------------|------------------------------------|
| RoHS/ELV Compliance         | RoHS compliant, ELV compliant      |
| Lead Free Solder Processes  | Not relevant for lead free process |
| RoHS/ELV Compliance History                                                                                    | Always was RoHS compliant          |
| Agency/Standard                                                                                                | USR, CNR                           |
| UL File Number                                                                                                 | UL 1977, C22.2 No. 182.3           |
| UL Flammability Rating                                                                                         | UL 94V-0                           |

| Environmental                   |          |
|---------------------------------|----------|
| Operating Temperature (°C [°F]) | 65 [149] |

| Conditions for Usage |                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------|
| Applies To           | Wire/Cable                                                                                    |
| Glow Wire Rating     | Glow Wire                                                                                     |
| For Use With         | Plug (GWT): 2005247, Contacts: 177916 or 177917, Double Lock Plate 177918-1 or (GWT) 368590-1 |

| Operation/Application                   |                     |
|-----------------------------------------|---------------------|
| Application Use                         | Wire-to-Wire        |
| Contact Transmits (Typical Application) | Signal (Data)/Power |

| Other |                 |
|-------|-----------------|
| Brand | TE Connectivity |

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