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**Part Number:** [0428180512](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Sr. Power Connectors](#)  
**Description:** 10.00mm Pitch Mini-Fit Sr. Plug Housing, Single Row, Panel Mount, 5 Circuit, Black

|                                                              |                                                                |
|--------------------------------------------------------------|----------------------------------------------------------------|
| <b>Documents:</b>                                            |                                                                |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Product Specification TS-42815-001-001 (PDF)</a>   |
| <a href="#">3D Model</a>                                     | <a href="#">Packaging Specification PK-42818-002-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Test Summary TS-42815-004-001 (PDF)</a>            |
| <a href="#">Product Specification PS-42815-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

|                             |                                               |
|-----------------------------|-----------------------------------------------|
| <b>Agency Certification</b> |                                               |
| CSA                         | LR19980                                       |
| UL                          | E29179                                        |
| <b>General</b>              |                                               |
| Product Family              | Crimp Housings                                |
| Series                      | <a href="#">42818</a>                         |
| Application                 | Power, Wire-to-Board                          |
| Overview                    | <a href="#">Mini-Fit Sr. Power Connectors</a> |
| Product Name                | Mini-Fit Sr.                                  |
| UPC                         | 800754382168                                  |

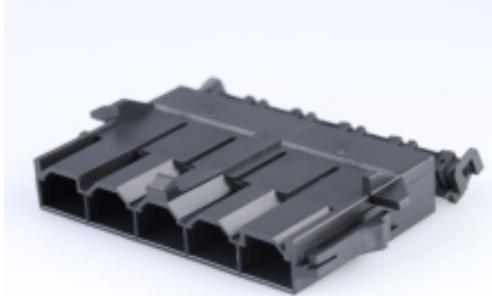
|                               |                |
|-------------------------------|----------------|
| <b>Physical</b>               |                |
| Circuits (maximum)            | 5              |
| Color - Resin                 | Black          |
| Flammability                  | 94V-0          |
| Gender                        | Plug           |
| Glow-Wire Capable             | No             |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Polyester      |
| Net Weight                    | 10.987/g       |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | Yes            |
| Pitch - Mating Interface      | 10.00mm        |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

|                               |       |
|-------------------------------|-------|
| <b>Electrical</b>             |       |
| Current - Maximum per Contact | 50.0A |

|                             |     |
|-----------------------------|-----|
| <b>Solder Process Data</b>  |     |
| Lead-freeProcess Capability | N/A |

**Material Info**

|                                    |                                    |
|------------------------------------|------------------------------------|
| <b>Reference - Drawing Numbers</b> |                                    |
| Packaging Specification            | PK-42818-002-001                   |
| Product Specification              | PS-42815-001-001, TS-42815-001-001 |
| Sales Drawing                      | SD-42818-XXX2-001                  |
| Test Summary                       | TS-42815-004-001                   |



Series image - Reference only

|                                                                                                                                                                                     |                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                                                                |                                                                                                                        |
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per -<br>D(2021)4569-DC (8<br>July 2021)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Not Low-Halogen</b> | <b>China RoHS</b><br><br><br><br><br><br><br><br><br><br>For more information, please visit <a href="#">Contact US</a> |
| China ROHS<br>ELV<br>RoHS Phthalates                                                                                                                                                | Green Image<br>Not Relevant<br>Not Contained                                                                           |

**Search Parts in this Series**  
[42818](#) Series

**Mates With**  
Mini-Fit Sr. Receptacle Housing [428160512](#)

**Use With**  
Terminal Position Assurance (TPA) Clip  
Included. [42817](#) Male Crimp Terminals

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