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Part Number: [0428160612](#)
Status: **Active**
Overview: [Mini-Fit Sr. Power Connectors](#)
Description: 10.00mm Pitch Mini-Fit Sr. Receptacle Housing, Single Row, 6 Circuit, Black

Documents:

| | |
|--|--|
| 3D Model | Packaging Specification PK-42816-002-001 (PDF) |
| Drawing (PDF) | Test Summary TS-42815-001 (PDF) |
| Product Specification PS-42815-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | Crimp Housings |
| Series | 42816 |
| Application | Power, Wire-to-Board |
| Overview | Mini-Fit Sr. Power Connectors |
| Product Name | Mini-Fit Sr. |
| UPC | 800753749801 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 11.974/g |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 10.00mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 50.0A |
|-------------------------------|-------|

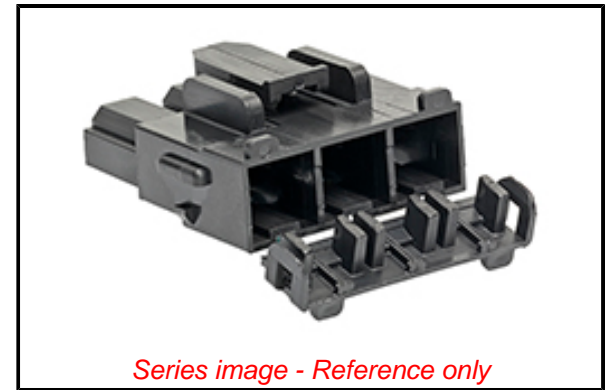
Solder Process Data

| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|------------------|
| Packaging Specification | PK-42816-002-001 |
| Product Specification | PS-42815-001 |
| Test Summary | TS-42815-001 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

Prop65

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Compliant

Not Contained

Search Parts in this Series

[42816](#) Series

Mates With

[42818-0612](#) , [42819](#) 6 Circuit Vertical
Headers, [42820](#) 6 Circuit Right Angle
Headers

Use With

Terminal Position Assurance (TPA) Clip
Included. [42815](#) Female Crimp Terminal