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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 Circuits

Documents:
[3D Model](#) [Packaging Specification PK-42816-002-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-42815-001 \(PDF\)](#)
[Product Specification TS-42815-004-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
CSA LR19980
UL E29179

General
Product Family Crimp Housings
Series [42816](#)
Application Power, Wire-to-Board
MolexKits Yes
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 Compliant 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°C to +105°C

Electrical
Current - Maximum per Contact 50.0A

Solder Process Data
Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers
[Packaging Specification](#) PK-42816-002-001
[Product Specification](#) TS-42815-004-001
[Test Summary](#) TS-42815-001



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/30/2017 (7 July
2017)
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	Green Image
ELV	Not Relevant
RoHS Phthalates	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