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Part Number: **0428160412**
Status: **Active**
Overview: Mini-Fit Sr. Power Connectors
Description: 10.00mm Pitch Mini-Fit Sr.™ Receptacle Housing, Single Row, 4 Circuits

Documents:

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

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 800754381772

Physical

Circuits (maximum) 4
 Color - Resin Black
 Flammability 94V-0
 Gender Receptacle
 Glow-Wire Compliant No
 Lock to Mating Part Yes
 Material - Resin Polyester
 Net Weight 8.240/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

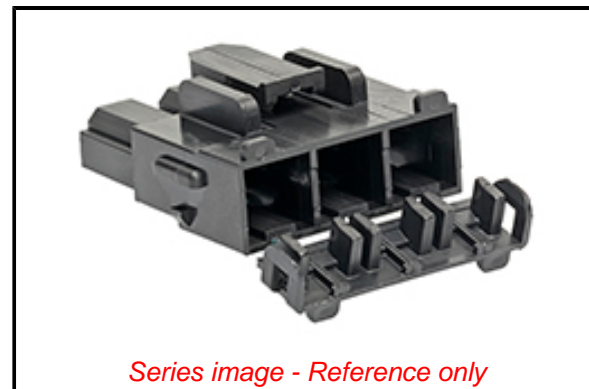
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-42816-002-001
 Test Summary TS-42815-001



Series image - Reference only

EU ELV

Not Relevant

EU 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

42818-0412 , 42819 4 Circuit Vertical
 Headers, 42820 4 Circuit Right Angle
 Headers

Use With

Terminal Position Assurance (TPA™) Clip
 Included. 42815 Female Crimp Terminal