

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0428180612](#)
Status: **Active**
Overview: Mini-Fit Sr. Power Connectors
Description: 10.00mm Pitch Mini-Fit Sr. Plug Housing, Single Row, Panel Mount, 6 Circuit, Black

Documents:

[3D Model](#) [Test Summary TS-42815-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-42818-002-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Crimp Housings
 Series [42818](#)
 Application Power, Wire-to-Board
 Overview [Mini-Fit Sr. Power Connectors](#)
 Product Name Mini-Fit Sr.
 UPC 800754382229

Physical

Circuits (maximum) 6
 Color - Resin Black
 Flammability 94V-0
 Gender Plug
 Glow-Wire Capable No
 Lock to Mating Part Yes
 Material - Resin Polyester
 Net Weight 12.489/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

Electrical

Current - Maximum per Contact 50.0A

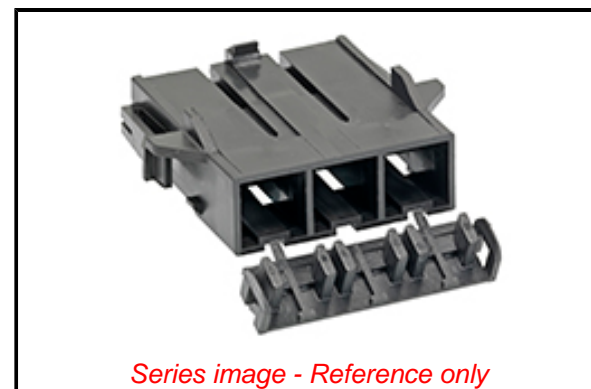
Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-42818-002-001
 Sales Drawing SD-42818-***2
 Test Summary TS-42815-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2018 (15
 January 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	Green Image
ELV	Not Relevant
Prop65	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[42818](#) Series

Mates With

[42816-0612](#)

Use With

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