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Part Number: [0428160512](#)
Status: **Active**
Overview: [Mini-Fit Sr. Power Connectors](#)
Description: 10.00mm Pitch Mini-Fit Sr. Receptacle Housing, Single Row, 5 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 800754381819

Physical
Circuits (maximum) 5
Color - Resin Black
Flammability 94V-0
Gender Receptacle
Glow-Wire Capable No
Lock to Mating Part Yes
Material - Resin Polyester
Net Weight 10.120/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-freeProcess 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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/88/2018 (15	
January 2019)	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[42816](#) Series

Mates With
[428180512](#) , [42819](#) 5 Circuit Vertical Headers, [42820](#) 5 Circuit Right Angle Headers

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