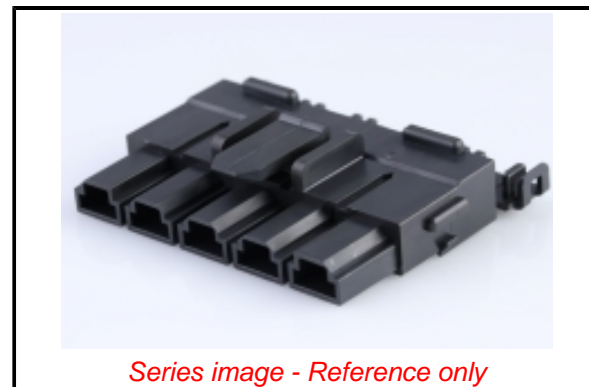


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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 (PDF)	Product Specification TS-42815-001-001 (PDF)
3D Model	Packaging Specification PK-42816-002-001 (PDF)
Drawing (PDF)	Test Summary TS-42815-004-001 (PDF)
Product Specification PS-42815-001-001 (PDF)	RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	42816
Application	Power, Wire-to-Board, Wire-to-Wire
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
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Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-42816-002-001
Product Specification	PS-42815-001-001, TS-42815-001-001
Sales Drawing	428160002-SD-000, SD-42816-XXX2-001
Test Summary	TS-42815-004-001

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42816](#) Series

Mates With

Mini-Fit Sr. Plug Housing [42818](#) . Mini-Fit Sr. Header [42819](#) , [42820](#)

Use With

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