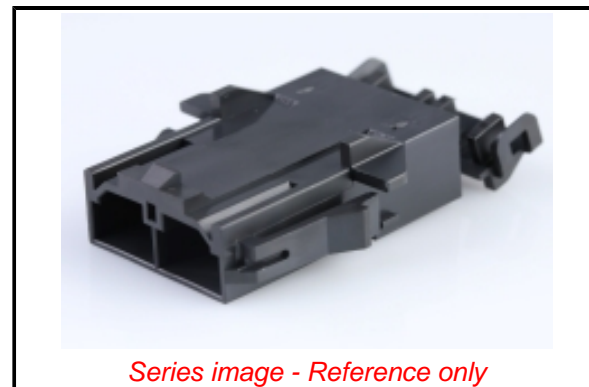


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0428180212**
Status: **Active**
Overview: Mini-Fit Sr. Power Connectors
Description: 10.00mm Pitch Mini-Fit Sr. Plug Housing, Single Row, Panel Mount, 2 Circuit, Black

Documents:

3D Model (PDF)	Packaging Specification PK-42818-002-001 (PDF)
Drawing (PDF)	Test Summary TS-42815-001 (PDF)
3D Model	Test Summary TS-42815-004-001 (PDF)
Product Specification PS-42815-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification TS-42815-001-001 (PDF)	



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	<u>42818</u>
Application	Power, Wire-to-Board
Overview	<u>Mini-Fit Sr. Power Connectors</u>
Product Name	Mini-Fit Sr.
UPC	800754382014

Physical

Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	5.243/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-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-42818-002-001
Product Specification	PS-42815-001-001, TS-42815-001-001
Sales Drawing	SD-42818-XXX2
Test Summary	TS-42815-001, TS-42815-004-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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

[42818 Series](#)

Mates With

[428160212](#)

Use With

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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[42818-0212](#)