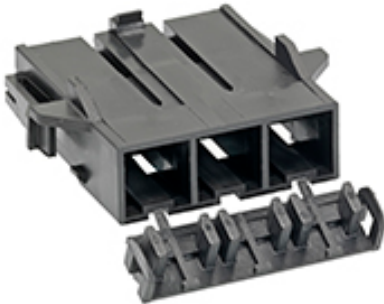


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Part Number: 0428180512
Status: Active
Overview: Mini-Fit Sr.™ Power Connectors
Description: 10.00mm Pitch Mini-Fit Sr.™ Plug Housing, Single Row, Panel Mount, 5 Circuits

Documents:
[3D Model](#) [Test Summary TS-42815-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-42815-004-001 \(PDF\)](#)
[Packaging Specification PK-42818-002-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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	800754382168
Physical	
Circuits (maximum)	5
Color - Resin	Black
Flammability	94V-0
Gender	Male
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	10.987/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°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-42818-002-001
Sales Drawing	SD-42818-***2
Test Summary	TS-42815-001, TS-42815-004-001



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
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
42818 Series

Mates With
42816-0512

Use With
Terminal Position Assurance (TPA™) Clip
Included. 42817 Male Crimp Terminals

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