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Part Number: [42816-0612](#)
Status: **Active**
Overview: Mini-Fit Sr.™ Power Connectors
Description: 10.00mm Pitch Mini-Fit Sr.™ Receptacle Housing, Single Row, 6 Circuits

Documents:

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

Agency Certification

CSA	LR19980
TUV	R72131193
UL	E29179

General

Product Family	Crimp Housings
Series	42816
Application	Power, Wire-to-Board
MolexKits	Yes
Overview	Mini-Fit Sr.™ Power Connectors
Product Name	Mini-Fit Sr.™
UPC	800753749801

Physical

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	11.974/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°C to +105°C

Electrical

Current - Maximum per Contact	50A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-42816-002
Product Specification	PS-42815-001, RPS-42815-001, RPS-42815-011, RPS-42815-012, RPS-42815-013, RPS-42815-014, RPS-42815-015
Sales Drawing	SD-42816-***2
Test Summary	TS-42815-001

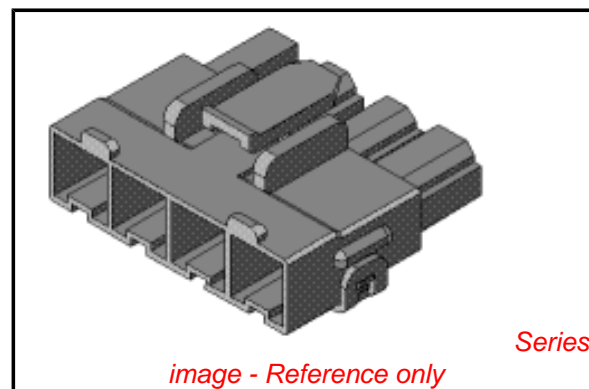


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Low-Halogen Status
Not Low-Halogen**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[42816Series](#)

Mates With

[42818-0612](#) , [42819](#) 6 Circuit Vertical
Headers, [42820](#) 6 Circuit Right Angle
Headers

Use With

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

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