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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:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-42816-002 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-42815-001 (PDF)</a>
<a href="#">Product Specification PS-42815-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
TUV	R72131193
UL	E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">42816</a>
Application	Power, Wire-to-Board
MolexKits	Yes
Overview	<a href="#">Mini-Fit Sr.™ Power Connectors</a>
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

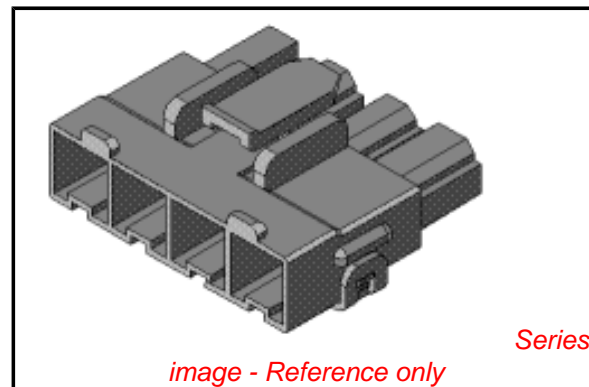
**Electrical**

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



**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](mailto: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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