



**Part Number :** [2016442120](#)

**Product Description :** Spot-On Wire-to-Board Receptacle Housing, 1.50mm Pitch, Dual Row, 12 Circuits, Natural

**Series Number :** 201644

**Status :** Active

**Product Category :** Connector Housings

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## Documents and Resources

### Drawings

[2016442120\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[2016440000-A00.pdf](#)

[2016440000-A01.pdf](#)

[2016449200-200.pdf](#)

[2016440000-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

## Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	201644
Description	Spot-On Wire-to-Board Receptacle Housing, 1.50mm Pitch, Dual Row, 12 Circuits, Natural
Application	Signal, Wire-to-Board
Keyword	Spot-On 1.5
Product Name	Spot-On
UPC	889056824941

### Physical

Circuits (maximum)	12
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polybutylene Terephthalate (PBT)

Net Weight	696.000/mg
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
1.50mm Pitch, Spot-On Vertical Dual Row Headers with Potting Capability	<u>201645</u>
1.50mm Pitch, Spot-On Vertical Dual Row Headers with Potting Capability	<u>201646</u>

### Use with Part(s)

Description	Part Number
Spot-On 1.5 Crimp Terminal, Female, Matte Tin (Sn) Plating, 28-24 AWG	<u>2016495000</u>
Spot-On Terminal Position Assurance (TPA) Wire-to-Board Retainer, 1.50mm Pitch, 6 Circuits, Grey	<u>2016502060</u>

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