



**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



## Documents & 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](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2024)7663-DC<br>(21 Jan 2025)                                                            |
| 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                                                                  |
| 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      | 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 | <a href="#"><u>201645</u></a> |
| 1.50mm Pitch, Spot-On Vertical Dual Row Headers with Potting Capability | <a href="#"><u>201646</u></a> |

### Use with Part(s)

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