



Part Number : 2016442200

Series Number : 201644

Product Category : Connector Housings

Product Description : Spot-On Wire-to-Board Receptacle Housing, 1.50mm Pitch, Dual Row, 20 Circuits, Natural

Status : Active

Documents & Resources

Drawings  
Drawing 2016442200\_sd.pdf

3D Models and Design Files  
3D Model 2016442200\_stp.zip

Specifications  
Application Specification 2016440000-A00.pdf  
Application Specification 2016440000-A01.pdf  
Packaging Specification 2016449200-200.pdf

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| EU RoHS            | Compliant per EU 2015/863                                                             |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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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, 20 Circuits, Natural |
| Application    | Signal, Wire-to-Board                                                                  |
| Product Family | Spot-On Wire-to-Board Connector System                                                 |
| Product Name   | Spot-On                                                                                |
| UPC            | 889056824989                                                                           |

#### Physical

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 20             |
| Color - Resin                 | Natural        |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | Yes            |
| Lock to Mating Part           | Yes            |
| Material - Resin              | PBT            |
| Net Weight                    | 976.000/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, 24-28 AWG                             | <u><a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2016495000.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2016495000.html</a></u> |
| Spot-On Terminal Position Assurance (TPA) Wire-to-Board Retainer, 1.50mm Pitch, 10 Circuits, Grey | <u><a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2016502100.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/2016502100.html</a></u> |