



Part Number : [2016442380](#)
Product Description : Spot-On Wire-to-Board
Receptacle Housing, 1.50mm Pitch, Dual Row,
38 Circuits, Natural
Series Number : 201644
Status : Active
Product Category : Connector Housings



Documents & Resources


Drawings
[2016442380_sd.pdf](#)

3D Models and Design Files
[2016442380_stp.zip](#)

Specifications
[2016440000-A00.pdf](#)
[2016440000-A01.pdf](#)
[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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | Connector Housings |
| Series | 201644 |
| Description | Spot-On Wire-to-Board Receptacle Housing, 1.50mm Pitch, Dual Row, 38 Circuits, Natural |
| Application | Signal, Wire-to-Board |
| Product Family | Spot-On Wire-to-Board Connector System |
| Product Name | Spot-On |
| UPC | 889056825054 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 38 |
| Color - Resin | Natural |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Resin | PBT |
| Net Weight | 1642.000/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 |

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, 19 Circuits, Grey | <u>2016502190</u> |