



**Part Number :** [512333011](#)  
**Product Description :** CRC Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 30 Circuits, Polarization Type Standard  
**Series Number :** 51233  
**Status :** Active  
**Product Category :** I/O Connectors



Documents & Resources


**Drawings**  
[512333011\\_sd.pdf](#)

**3D Models and Design Files**  
[512333011\\_stp.zip](#)

**Specifications**  
[AS-51238-011-001.pdf](#)  
[PS-51238-010-001.pdf](#)  
[PS-51238-018-001.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)7663-DC (21 Jan 2025)  |
| 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       | I/O Connectors   |
| Series         | 51233  |
| Description    | CRC Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 30 Circuits, Polarization Type Standard |
| Application    | Panel-Mount, Wire-to-Wire  |
| Component Type | Housing  |
| Product Name   | CRC  |
| Type           | N/A  |
| UPC            | 800756205748   |

#### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

#### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 3.0A             |
| Shielded                      | No               |
| Voltage - Maximum             | 250V AC (RMS)/DC |

#### Physical

|                                |       |
|--------------------------------|-------|
| Circuits (Loaded)              | 30    |
| Circuits (maximum)             | 30    |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 100   |

|                               |                 |
|-------------------------------|-----------------|
| Flammability                  | 94V-0           |
| Gender                        | Receptacle      |
| Keying to Mating Part         | Yes             |
| Lock to Mating Part           | Yes             |
| Material - Metal              | Stainless Steel |
| Material - Plating Mating     | N/A             |
| Material - Resin              | Polyester       |
| Net Weight                    | 6448.000/mg     |
| Number of Rows                | 6               |
| Orientation                   | Vertical        |
| Packaging Type                | Tray            |
| Panel Mount                   | Front, Rear     |
| PCB Locator                   | No              |
| Pitch - Mating Interface      | 3.00mm          |
| Pitch - Termination Interface | 3.00mm          |
| Polarized to Mating Part      | Yes             |
| Polarized to PCB              | N/A             |
| Temperature Range - Operating | -40° to +105°C  |
| Termination Interface Style   | N/A             |
| Waterproof / Dustproof        | No              |

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## Mates With / Use With

### Mates with Part(s)

| Description                                     | Part Number  |
|---|--------------|
| CRC Shielded Rectangular I/O Plug Housings      | <u>51239</u> |
| CRC Shielded Rectangular I/O Plug Assembly Sets | <u>54332</u> |

### Use with Part(s)

| Description               | Part Number  |
|---------------------------|--------------|
| CRC Signal Male Terminals | <u>56116</u> |
| CRC Signal Male Terminals | <u>56117</u> |
| CRC Signal Male Terminals | <u>56118</u> |

|   |              |
|---|--------------|
| CRC Signal Male Terminals                         | <u>56119</u> |
| CRC Shielded Rectangular I/O<br>Receptacle Shells | <u>56377</u> |

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