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**Part Number:** [51233-3011](#)  
**Status:** **Active**  
**Overview:** CRC™ (Compact Robotic Connectors)  
**Description:** CRC™ Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 30 Circuits, Polarization Type Standard

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-51238-018 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Application Specification AS-51238-011 (PDF)</a> |
| <a href="#">Product Specification PS-51238-010 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

**Agency Certification**

|     |           |
|-----|-----------|
| CSA | LR19980   |
| TUV | R72081037 |
| UL  | E29179    |

**General**

|                |   |
|----------------|---|
| Product Family | I/O Connectors                                    |
| Series         | <a href="#">51233</a>                             |
| Application    | Panel-Mount, Wire-to-Wire                         |
| Component Type | Housing   |
| Overview       | <a href="#">CRC™ (Compact Robotic Connectors)</a> |
| Product Name   | CRC™  |
| Type           | N/A   |
| UPC            | 800756205748                                      |

**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        |
| PCB Locator                    | No              |
| Packaging Type                 | Tray            |
| Panel Mount                    | Front, Rear     |
| Pitch - Mating Interface       | 3.00mm          |
| Pitch - Termination Interface  | 3.00mm          |
| Polarized to Mating Part       | Yes             |
| Polarized to PCB               | N/A             |
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | -40°C to +105°C |
| Termination Interface: Style   | N/A             |
| Waterproof / Dustproof         | No              |

**Electrical**

|                               |    |
|-------------------------------|----|
| Current - Maximum per Contact | 3A |
| Shielded                      | No |



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[51233Series](#)

**Mates With**

CRC™ Shielded Rectangular I/O Plug Housing [51239](#) , [54332](#)

**Use With**

CRC™ Shielded Rectangular I/O Male Terminal [56116](#) , [56117](#) , [56118](#) , [56119](#) , [56377](#)

Voltage - Maximum

250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-51238-011

Product Specification

PS-51238-010, PS-51238-018, RPS-51238-001

Sales Drawing

SD-51233-009

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