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**Part Number:** [51239-2002](#)  
**Status:** **Active**  
**Overview:** CRC™ (Compact Robotic Connectors)  
**Description:** CRC™ Shielded Rectangular I/O Plug Housing, For Plug Assembly, Female Terminal, Signal, 20 Circuits, Polarization Type A, Polarization Position B-2

**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="#">51239</a>                             |
| Application    | N/A                                               |
| Component Type | Housing                                           |
| Overview       | <a href="#">CRC™ (Compact Robotic Connectors)</a> |
| Product Name   | CRC™                                              |
| Type           | N/A                                               |
| UPC            | 800756530055                                      |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Boot Color                     | N/A             |
| Breakaway                      | No              |
| Circuits (Loaded)              | N/A             |
| Circuits (maximum)             | 20              |
| Color - Resin                  | Black           |
| Flammability                   | 94V-0           |
| Gender                         | Plug            |
| Keying to Mating Part          | Yes             |
| Lock to Mating Part            | Yes             |
| Material - Plating Mating      | N/A             |
| Material - Resin               | Polyester       |
| Net Weight                     | 4450.000/mg     |
| Number of Rows                 | 5               |
| Orientation                    | Vertical        |
| PCB Locator                    | No              |
| Packaging Type                 | Tray            |
| Panel Mount                    | N/A             |
| Pitch - Mating Interface       | 3.00mm          |
| Pitch - Termination Interface  | 3.00mm          |
| Polarized to Mating Part       | Yes             |
| Polarized to PCB               | N/A             |
| Ports                          | 1               |
| 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 | N/A |
|-------------------------------|-----|



image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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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**

[51239Series](#)

**Mates With**

[51233](#)

**Use With**

[56380](#) Plug Shell Body, [56120](#) and [56121](#)  
Female Terminal, [56381](#) Plug Shell Cover

Shielded  
Voltage - Maximum

No  
250V AC (RMS)/DC

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## Material Info

## Reference - Drawing Numbers

Application Specification  
Product Specification  
Sales Drawing

AS-51238-011  
PS-51238-010, PS-51238-018, RPS-51238-001  
SD-51239-005

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