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Part Number: [51239-3001](#)
Status: **Active**
Overview: CRC™ (Compact Robotic Connectors)
Description: CRC™ Shielded Rectangular I/O Plug Housing, For Plug Assembly, Female Terminal, Signal, 30 Circuits, Polarization Type Standard

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-51238-018 (PDF) |
| Drawing (PDF) | Application Specification AS-51238-011 (PDF) |
| Product Specification PS-51238-010 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

| | |
|----------------|---|
| Product Family | I/O Connectors |
| Series | 51239 |
| Application | N/A |
| Component Type | Housing |
| Overview | CRC™ (Compact Robotic Connectors) |
| Product Name | CRC™ |
| Type | N/A |

Physical

| | |
|--------------------------------|-----------------|
| Boot Color | N/A |
| Breakaway | No |
| Circuits (Loaded) | N/A |
| Circuits (maximum) | 30 |
| 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 |
| Number of Rows | 6 |
| 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 |
| Shielded | No |
| Voltage - Maximum | 250V AC (RMS)/DC |



image - Reference only

EU RoHS

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

China RoHS



Need more information on product environmental compliance?

Email 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

Material Info

UPC 800756193502

Reference - Drawing Numbers

Application Specification AS-51238-011
Product Specification PS-51238-010, PS-51238-018, RPS-51238-001
Sales Drawing SD-51239-006

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