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Part Number:

0512332011

Status:

Active

Overview:

CRC (Compact Robotic Connectors)

Description:

CRC Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 20 Circuits, Polarization Type Standard



Series image - Reference only

Documents:

3D Model

Product Specification PS-51238-018-001 (PDF)

Drawing (PDF)

Application Specification AS-51238-011-001 (PDF)

Product Specification PS-51238-010-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                  |
|--------------------------------|----------------------------------|
| Agency Certification           |                                  |
| CSA                            | LR19980                          |
| UL                             | E29179                           |
| General                        |                                  |
| Product Family                 | I/O Connectors                   |
| Series                         | 51233                            |
| Application                    | Panel-Mount, Wire-to-Wire        |
| Component Type                 | Housing                          |
| Overview                       | CRC (Compact Robotic Connectors) |
| Product Name                   | CRC                              |
| Type                           | N/A                              |
| UPC                            | 800756205731                     |
| Physical                       |                                  |
| Circuits (Loaded)              | 20                               |
| Circuits (maximum)             | 20                               |
| 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                     | 4774.000/mg                      |
| Number of Rows                 | 5                                |
| 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° to +105°C                   |
| Termination Interface: Style   | N/A                              |
| Waterproof / Dustproof         | No                               |
| Electrical                     |                                  |
| Current - Maximum per Contact  | 3.5A                             |
| Shielded                       | No                               |
| Voltage - Maximum              | 250V AC (RMS)/DC                 |
| Material Info                  |                                  |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

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

China ROHS

Green Image

ELV

Not Relevant

Prop65

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

51233 Series

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

**Reference - Drawing Numbers**

|                           |                                    |
|---------------------------|------------------------------------|
| Application Specification | AS-51238-011-001                   |
| Product Specification     | PS-51238-010-001, PS-51238-018-001 |
| Sales Drawing             | SD-51233-008                       |

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