

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [51238-5014](#)
Status: **Active**
Overview: CRC™ (Compact Robotic Connectors)
Description: CRC™ Shielded Rectangular I/O Receptacle Housing for Female Terminal, Signal, 50 Circuits, Polarization Type C, Polarization Position D-6

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-51238-017 (PDF) |
| Drawing (PDF) | Application Specification AS-51238-017 (PDF) |
| Product Specification PS-51238-016 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

| | |
|----------------|---|
| Product Family | I/O Connectors |
| Series | 51238 |
| Application | Panel-Mount, Wire-to-Wire |
| Component Type | Housing |
| Overview | CRC™ (Compact Robotic Connectors) |
| Product Name | CRC™ |
| Type | N/A |
| UPC | 756054154731 |

Physical

| | |
|--------------------------------|-----------------|
| Circuits (Loaded) | 50 |
| Circuits (maximum) | 50 |
| Color - Resin | Gray |
| 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 | 8679.900/mg |
| Number of Rows | 10 |
| 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) | N/A |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | N/A |
| Waterproof / Dustproof | No |

Electrical

| | |
|-------------------------------|--------------------|
| Current - Maximum per Contact | 1.5A, 1A, 2.5A, 2A |
| Shielded | No |



image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

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

[51238Series](#)

Mates With

CRC™ Shielded Rectangular I/O Plug Housing [51234](#) , [55836](#)

Use With

CRC™ Shielded Rectangular I/O Receptacle Shell [56377](#) , [56120](#) , [56121](#)

Voltage - Maximum

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-51238-017

Product Specification

PS-51238-016, PS-51238-017

Sales Drawing

SD-51238-015

This document was generated on 03/06/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION