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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:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-51238-010 \(PDF\)](#)

[Product Specification PS-51238-018 \(PDF\)](#)

[Application Specification AS-51238-011 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**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
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image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC  
Contains SVHC: No  
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

**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

This document was generated on 03/03/2015

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