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**Part Number:** [51233-1212](#)  
**Status:** **Active**  
**Overview:** CRC™ (Compact Robotic Connectors)  
**Description:** CRC™ Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 12 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="#">51233</a>
Application	Panel-Mount, Wire-to-Wire
Component Type	Housing
Overview	<a href="#">CRC™ (Compact Robotic Connectors)</a>
Product Name	CRC™
Type	N/A
UPC	800756530376

**Physical**

Circuits (Loaded)	12
Circuits (maximum)	12
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	2777.000/mg
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°C to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	4A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC



**EU RoHS**

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

**China RoHS**



**Need more information on product 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**

[51233Series](#)

**Mates With**

CRC™ Shielded Rectangular I/O Plug Housing [51239](#) , [54332](#)

**Use With**

CRC™ Shielded Rectangular I/O Receptacle Shell [56377](#) , CRC™ Shielded Rectangular I/O Male Terminal [56116](#) , [56117](#) , [56118](#) , [56119](#)

## Material Info

### Reference - Drawing Numbers

Application Specification  
Product Specification  
Sales Drawing

AS-51238-011  
PS-51238-010, PS-51238-018, RPS-51238-001  
SD-51233-007

This document was generated on 12/17/2012

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