

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0512333011](#)  
**Status:** **Active**  
**Overview:** CRC (Compact Robotic Connectors)  
**Description:** CRC Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 30 Circuits, Polarization Type Standard

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51238-018-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification AS-51238-011-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51238-010-001 (PDF)</a>	

**Agency Certification**

CSA	LR19980
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	800756205748

**Physical**

Circuits (Loaded)	30
Circuits (maximum)	30
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	6448.000/mg
Number of Rows	6
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	3.0A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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](#)

**Material Info**

**Reference - Drawing Numbers**

Application Specification

Product Specification

Sales Drawing

AS-51238-011-001

PS-51238-010-001, PS-51238-018-001

SD-51233-009-001, SD-51233-009-002,

SD-51233-009-003, SD-51233-009-004

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