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**Part Number:** [51234-5011](#)  
**Status:** **Active**  
**Overview:** CRC™ (Compact Robotic Connectors)  
**Description:** CRC™ Shielded Rectangular I/O Plug Housing, For Plug Assembly, Male Terminal, Signal, 50 Circuits, Polarization Type Standard

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51238-017 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-51238-017 (PDF)</a>
<a href="#">Product Specification PS-51238-016 (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="#">51234</a>
Application	Wire-to-Wire
Component Type	Housing
Overview	<a href="#">CRC™ (Compact Robotic Connectors)</a>
Product Name	CRC™
Type	N/A
UPC	756054154557

**Physical**

Boot Color	N/A
Circuits (Loaded)	N/A
Circuits (maximum)	50
Color - Resin	Gray
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	18555.000/mg
Number of Rows	10
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Polarized to Mating Part	Yes
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	1.5A, 1A, 2.5A, 2A
Shield Type	Full Shield
Shielded	Yes



image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**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**

[51234Series](#)

**Mates With**

[51238501\\*](#)

**Use With**

[56116](#), [56117](#), [56118](#) and [56119](#) Male Terminal|[59587](#) and [59588](#) Plug Cover A and B

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-51234-010

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