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**Part Number:** [0512345011](#)  
**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-51238-017-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-51238-017-001 (PDF)</a>
<a href="#">Product Specification PS-51238-016-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	I/O Connectors
Series	51234
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, 1.0A, 2.5A, 2.0A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[51234 Series](#)

**Mates With**

51238-501\*

**Use With**

56116, 56117, 56118 and 56119 Male  
Terminal|59587 and 59588 Plug Cover A  
and B

**Reference - Drawing Numbers**

Application Specification

Product Specification

Sales Drawing

AS-51238-017-001

PS-51238-016-001, PS-51238-017-001

SD-51234-010

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