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**Part Number:** [0543335001](#)  
**Status:** **Active**  
**Overview:** [crc compact robotic connectors](#)  
**Description:** CRC™ Shielded Rectangular I/O Receptacle Assembly Set, Wire-to-Wire, Female Terminal, Signal, 50 Circuits, Polarization Type Standard

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-51238-017 \(PDF\)](#)  
[Product Specification PS-51238-016 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">54333</a>
Application	Wire-to-Wire
Component Type	Kit
Overview	<a href="#">crc compact robotic connectors</a>
Product Name	CRC™
Type	N/A

**Physical**

Boot Color	N/A
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black, Gray
Durability (mating cycles max)	100
Gender	Socket
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Stainless Steel, Steel
Material - Plating Mating	n/a
Material - Resin	Polycarbonate, Polyester
Number of Rows	10
Orientation	Vertical
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Pitch - Term. Interface (in)	0.118 In
Pitch - Term. Interface (mm)	3.00 mm
Polarized to Mating Part	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Crimp or Compression
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	7A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51238-016, PS-51238-017
Sales Drawing	SD-54333-005



*image - Reference only*

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free**  
**Status**  
 Not Reviewed

**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**  
[54333Series](#)

**Mates With**  
[55836-5001](#) CRC™ Shielded Rectangular I/O Plug Assembly Set

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