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**Part Number:** **0543325002**  
**Status:** **Active**  
**Overview:** CRC™ (Compact Robotic Connectors)  
**Description:** CRC™ Shielded Rectangular I/O Plug Assembly Set, Female Terminal, With Shield Cover, Signal, 50 Circuits, Polarization Type A

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-51238-017-001 \(PDF\)](#)  
[Product Specification PS-51238-016-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family I/O Connectors  
Series [54332](#)  
Application Wire-to-Wire  
Component Type Housing  
Overview [CRC™ \(Compact Robotic Connectors\)](#)  
Product Name CRC™  
Type N/A  
UPC 756054154304

**Physical**

Circuits (Loaded) 50  
Circuits (maximum) 50  
Color - Resin Gray  
Durability (mating cycles max) 100  
Gender Plug  
Keying to Mating Part Yes  
Lock to Mating Part Yes  
Material - Metal Phosphor Bronze, Stainless Steel, Zinc Alloy  
Material - Plating Mating N/A  
Material - Resin Polyester  
Net Weight 7551.844/mg  
Number of Rows 4  
Orientation Vertical  
PCB Locator No  
Packaging Type Tray  
Panel Mount No  
Pitch - Mating Interface 3.00mm  
Pitch - Termination Interface 3.00mm  
Polarized to Mating Part Yes  
Polarized to PCB No  
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 2.0A, 3.0A, 4.0A, 5.0A, 7.0A  
Shield Type Full Shield  
Shielded Yes  
Voltage - Maximum 250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-51238-016-001, PS-51238-017-001  
Sales Drawing SD-54332-005



**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**

[54332 Series](#)

**Mates With**

CRC™ Shielded Rectangular I/O Receptacle Housing [51233](#) , CRC™ Shielded Rectangular I/O Receptacle Assembly [55837](#) , [55838](#)

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