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Part Number: [54332-5001](#)
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 Standard

Documents:

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

Agency Certification

TUV R72081037

General

Product Family I/O Connectors
 Series [54332](#)
 Application Wire-to-Wire
 Component Type Kit
 Overview [CRC™ \(Compact Robotic Connectors\)](#)
 Product Name CRC™
 Type N/A
 UPC 756054151990

Physical

Circuits (Loaded) 50
 Circuits (maximum) 50
 Color - Resin Black, Gray
 Durability (mating cycles max) 100
 Flammability 94V-0
 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 117551.844/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 2A, 3A, 4A, 5A, 7A
 Shield Type Full Shield
 Shielded Yes
 Voltage - Maximum 250V AC (RMS)/DC

Material Info



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
 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

[54332Series](#)

Mates With

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

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-51238-016, PS-51238-017
SD-54332-005

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