

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0543325001**
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-51238-017-001 \(PDF\)](#)
[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 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
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° 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-54332-005-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

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](#)

This document was generated on 10/05/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION