

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0543325003**
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 B

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 756054154311

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
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](#)

This document was generated on 03/01/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [I/O Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[571763P](#) [58098-0628](#) [72.250.1628.2](#) [72.250.2428.2](#) [74720-0505](#) [76.350.0729.0](#) [76871-1403](#) [FCN-244F080-G/1](#) [FCN-260A9920](#) [PCR-E36PM](#) [PCS-XE26MA+](#) [G38A71314B](#) [1571250010](#) [157-22500-3](#) [MS3471L14-19P L/C](#) [192991-0703](#) [172501-4002](#) [172501-6002](#) [FCN-260C008-A/L0](#) [FCN-260C024-AL0](#) [FCN-261Z008](#) [2000314-1](#) [200331-1](#) [PCR-E36FC+](#) [PCS-E28FS+](#) [PCS-XE26SLFD+](#) [PCS-XE26SLFDT+](#) [G730VID08BDC24](#) [U90B2054081210](#) [UE86K842720321](#) [38113800006](#) [DP3AR020WQ1R200](#) [Z4.102.0680.0](#) [500-1040](#) [500-1052](#) [500-1054](#) [ZP-4008-66L](#) [0709821002](#) [DX40-20P\(55\)](#) [5554841-1](#) [MS3474W18-8P-LC*](#) [U90B3054061110](#) [U65-E04-4020](#) [ZPF00000000097891](#) [747360449](#) [10099439-003C-TRLF](#) [10137239-0021LF](#) [E9320-001-01](#) [10137239-0011LF](#) [70289-001LF](#)