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Part Number: [0563775000](#)
Status: **Active**
Overview: CRC™ (Compact Robotic Connectors)
Description: CRC™ Shielded Rectangular I/O Receptacle Shell, Panel Mount, Signal, 50 Circuits, Front Mount Type

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51238-016-001 \(PDF\)](#)
[Product Specification PS-51238-017-001 \(PDF\)](#)
[Product Specification PS-51300-001-001 \(PDF\)](#)
[Application Specification AS-51238-017-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family I/O Connectors
Series [56377](#)
Application Panel-Mount, Wire-to-Wire
Component Type Panel Mount Shell
Overview [CRC™ \(Compact Robotic Connectors\)](#)
Product Name CRC™
Type N/A
UPC 756054154755

Physical

Circuits (Loaded) 50
Circuits (maximum) 50
Durability (mating cycles max) 100
Gender Receptacle
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Metal Zinc Alloy
Material - Plating Mating Nickel
Material - Resin Polyester
Net Weight 31929.600/mg
Orientation Vertical
PCB Locator No
Packaging Type Tray
Panel Mount Front
Pitch - Mating Interface N/A
Polarized to Mating Part Yes
Polarized to PCB No
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style N/A
Waterproof / Dustproof No

Electrical

Current - Maximum per Contact 2.5A
Shield Type Full Shield
Shielded Yes
Voltage - Maximum 250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification [AS-51238-017-001](#)
Product Specification [PS-51238-016-001](#), [PS-51238-017-001](#),
[PS-51300-001-001](#)
Sales Drawing [SD-56377-015](#)



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

**Halogen-Free
Status**

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 Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

[56377 Series](#)

Use With

CRC™ Shielded Rectangular I/O
Receptacle Housing [51233](#) , [51238](#)

This document was generated on 03/29/2017

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