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Part Number: [0558365001](#)
Status: **Active**
Overview: CRC (Compact Robotic Connectors)
Description: CRC Shielded Rectangular I/O Plug Assembly Set, Male 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 [55836](#)
Application Wire-to-Wire
Component Type Kit
Overview [CRC \(Compact Robotic Connectors\)](#)
Product Name CRC
Type N/A
UPC 756054151945

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 118550.544/mg
Number of Rows 10
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 1.5A, 1.0A, 2.5A, 2.0A
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-55836-005-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[55836](#) Series

Mates With

CRC Shielded Rectangular I/O Receptacle
[54333](#) , [54334](#)

This document was generated on 10/05/2021

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