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Part Number:

55836-5001

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



Series

image - Reference only

Documents:

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

Agency Certification

TUV

R72081037

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

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

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°C to +105°C

Termination Interface: Style

N/A

Waterproof / Dustproof

No

Electrical

Current - Maximum per Contact

1.5A, 1A, 2.5A, 2A

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



Need more information on product
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

55836Series

Mates With

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

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-51238-016, PS-51238-017
SD-55836-005

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