

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

55836-2071

Status:

Active

Overview:

CRC™ (Compact Robotic Connectors)

Description:

CRC™ Shielded Rectangular I/O Plug Assembly Set, Male Terminal, Signal, 20 Circuits, Polarization Type A, Lead-Free

Documents:

Drawing (PDF)

Product Specification PS-51238-018 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

TUV

R72081037

General

Product Family

I/O Connectors

Series

55836

Application

Wire-to-Wire

Component Type

Housing

Overview

CRC™ (Compact Robotic Connectors)

Product Name

CRC™

Type

N/A

UPC

822350372732

Physical

Circuits (Loaded)

20

Circuits (maximum)

20

Color - Resin

Black, 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

Material - Plating Mating

Gold

Material - Resin

Polyester

Net Weight

32651.128/mg

Number of Rows

5

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

Crimp or Compression

Waterproof / Dustproof

No

Electrical

Current - Maximum per Contact

3.5A

Shield Type

Full Shield

Shielded

Yes

Voltage - Maximum

250V AC (RMS)/DC

Material Info



image - Reference onlySeries

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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-51238-018, RPS-51238-001  
SD-55836-006

This document was generated on 10/08/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**