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Part Number: [55836-2070](#)
Status: **Active**
Overview: CRC™ (Compact Robotic Connectors)
Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, Male Terminal, Signal, 20 Circuits, Polarization Type Standard, Lead-Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51238-018 \(PDF\)](#)

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 822350369503

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 32719.968/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 only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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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-51238-018, RPS-51238-001
SD-55836-006

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