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Part Number: [55837-2070](#)
Status: **Active**
Overview: CRC™ (Compact Robotic Connectors)
Description: CRC™ Shielded Rectangular I/O Receptacle Assembly Set, Wire-to-Wire, 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 [55837](#)
 Application Wire-to-Wire
 Component Type Housing
 Overview [CRC™ \(Compact Robotic Connectors\)](#)
 Product Name CRC™
 Type N/A
 UPC 800756691428

Physical

Circuits (Loaded) 20
 Circuits (maximum) 20
 Color - Resin Black, Gray
 Durability (mating cycles max) 100
 Flammability 94V-0
 Gender Pin
 Keying to Mating Part Yes
 Lock to Mating Part Yes
 Material - Metal Stainless Steel, Steel
 Material - Plating Mating N/A
 Material - Resin Polyester
 Net Weight 52007.364/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 N/A
 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



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

[55837Series](#)

Mates With

CRC™ Shielded Rectangular I/O Plug Housing [51239](#) , [54332](#)

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-51238-018, RPS-51238-001
SD-55837-006

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