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Part Number: [51300-0412](#)
Status: **Active**
Overview: CRC™ (Compact Robotic Connectors)
Description: CRC™ Shielded Rectangular I/O Receptacle Housing for Female Terminal, Power, 4 Circuits, Polarization Type B, Polarization Position A-2

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-51300-005 (PDF) |
| Drawing (PDF) | Application Specification AS-51300-005 (PDF) |
| Product Specification PS-51300-004 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

| | |
|-----|-----------|
| CSA | LR19980 |
| TUV | R72081037 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | I/O Connectors |
| Series | 51300 |
| Application | Panel-Mount, Wire-to-Wire |
| Component Type | Housing |
| Overview | CRC™ (Compact Robotic Connectors) |
| Product Name | CRC™ |
| Type | N/A |
| UPC | 800756548548 |

Physical

| | |
|--------------------------------|-----------------|
| Boot Color | N/A |
| Circuits (Loaded) | N/A |
| Circuits (maximum) | 4 |
| Color - Resin | Black |
| Durability (mating cycles max) | 100 |
| Flammability | 94V-0 |
| Gender | Female |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Stainless Steel |
| Material - Plating Mating | N/A |
| Material - Resin | Polyester |
| Net Weight | 3099.700/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| Packaging Type | Tray |
| Panel Mount | Front, Rear |
| Pitch - Mating Interface | 4.80mm |
| Pitch - Termination Interface | 4.80mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | N/A |
| Ports | 1 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | N/A |
| Waterproof / Dustproof | No |

Electrical

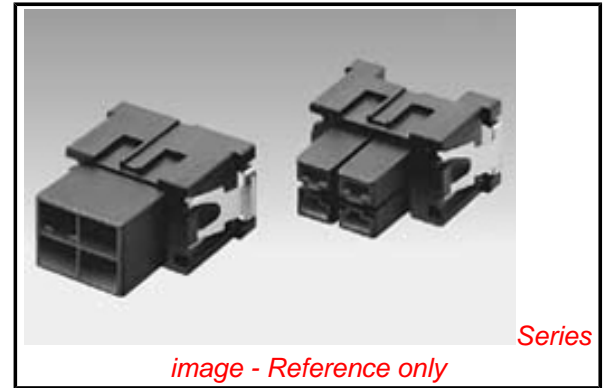


image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

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

[51300Series](#)

Mates With

[55887 Plug Assembly Set](#), [55891 Plug Housing](#)

Use With

[56377120*](#) Receptacle Shell, [56194](#) Female Terminal

Current - Maximum per Contact
Voltage - Maximum

15A
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification
Product Specification
Sales Drawing

AS-51300-005
PS-51300-004, PS-51300-005
SD-51300-003

This document was generated on 11/27/2012

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