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**Part Number:** **0558870471**  
**Status:** **Active**  
**Overview:** CRC (Compact Robotic Connectors)  
**Description:** CRC Shielded Rectangular I/O Plug Assembly Set, Male Terminal, Power, 4 Circuits, Polarization Type A, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51300-005-001 \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<u>55887</u>
Application	Wire-to-Wire
Component Type	Kit
Overview	<u>CRC (Compact Robotic Connectors)</u>
Product Name	CRC
Type	N/A
UPC	800756691565

**Physical**

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black, Gray
Durability (mating cycles max)	100
Gender	Pin
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	27670.564/mg
Orientation	Vertical
PCB Locator	No
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	4.80mm
Pitch - Termination Interface	4.80mm
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	15.0A
Shield Type	Upper Shielding
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51300-005-001
Sales Drawing	SD-55887-003



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**China RoHS**

**Search Parts in this Series**

55887 Series

**Mates With**

CRC Shielded Rectangular I/O Receptacle  
Assembly 51298 , 51299 Receptacle  
Assembly Set, 51300 CRC Shielded  
Rectangular I/O Receptacle Housing

**Use With**

CRC Crimp Pin 56193

This document was generated on 07/12/2018

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