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**Part Number:** [0558361270](#)  
**Status:** **Active**  
**Overview:** CRC (Compact Robotic Connectors)  
**Description:** CRC Shielded Rectangular I/O Plug Assembly Set, Male Terminal, Signal, 12 Circuits, Polarization Type Standard, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">55836</a>
Application	Wire-to-Wire
Component Type	Kit
Overview	<a href="#">CRC (Compact Robotic Connectors)</a>
Product Name	CRC
Type	N/A
UPC	822350369497

**Physical**

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black, Gray
Durability (mating cycles max)	100
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	26868.564/mg
Number of Rows	4
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° to +105°C
Termination Interface: Style	Crimp or Compression
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	4.0A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-55836-006-001, SD-55836-006-002, SD-55836-006-003, SD-55836-006-004, SD-55836-006-005
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[55836](#) Series

**Mates With**

CRC Shielded Rectangular I/O Receptacle  
[54333](#) , [54334](#)

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