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**Part Number:** **0558362070**  
**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-51238-018-001 \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">55836</a>
Application	Wire-to-Wire
Component Type	Kit
Data Load Status	Saqqara Bulk Load-Verified 08
Doc Info - Component	E-51234-002_B, E-55836-005_0, PK-55836-003_E, PS-51238-018_C, SD-55836-006_0
Made From	0512342001, 0512352015, 0512362005, 0563802028, 0563812028, 0563822000, 0582030020
Overview	<a href="#">CRC (Compact Robotic Connectors)</a>
Product Name	CRC
Type	N/A
UPC	822350369503

**Physical**

Circuits (Loaded)	20
Circuits (maximum)	20
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	38101.728/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
Temperature Range NonOperating	-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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Contained Per - ED/01/2018 (15 January 2018)  
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)p

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[55836 Series](#)

**Mates With**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-51238-018-001  
SD-55836-006

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