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Part Number: [0558372070](#)
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-51238-018-001 \(PDF\)](#)

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
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

Reference - Drawing Numbers

Product Specification	PS-51238-018-001
Sales Drawing	SD-55837-006



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

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environmental compliance?**

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non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[55837 Series](#)

Mates With

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

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