

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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 \(PDF\)](#)
[Product Specification PS-51238-018-001 \(PDF\)](#)

General

Product Family	I/O Connectors
Series	55836
Application	Wire-to-Wire
Component Type	Kit
Overview	CRC (Compact Robotic Connectors)
Product Name	CRC
Taxonomy	I/O Connectors
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

Product Specification	PS-51238-018-001
-----------------------	------------------



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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](#)

Sales Drawing

SD-55836-006-001, SD-55836-006-002,
SD-55836-006-003, SD-55836-006-004,
SD-55836-006-005

This document was generated on 10/18/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION