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Part Number: [0512343001](#)
Status: **Active**
Overview: CRC™ (Compact Robotic Connectors)
Description: CRC™ Shielded Rectangular I/O Plug Housing, For Plug Assembly, Male Terminal, Signal, 30 Circuits, Polarization Type Standard

Documents:

3D Model	Product Specification PS-51238-018-001 (PDF)
Drawing (PDF)	Application Specification AS-51238-011-001 (PDF)
Product Specification PS-51238-010-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	51234
Application	N/A
Component Type	Housing
Overview	CRC™ (Compact Robotic Connectors)
Product Name	CRC™
Type	N/A
UPC	800756193472

Physical

Boot Color	N/A
Breakaway	No
Circuits (Loaded)	N/A
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	7243.000/mg
Number of Rows	6
Orientation	Vertical
Packaging Type	Tray
Panel Mount	N/A
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Polarized to Mating Part	Yes
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	1.0A, 2.5A, 2.0A, 3.0A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

Material Info



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

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

Email 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

Search Parts in this Series

[51234](#) Series

Mates With

[51238](#)

Use With

56116, 56117, 56118 and 56119 Male
Terminal, [56380](#) Plug Shell Body, [56381](#)
Plug Shell Cover

Reference - Drawing Numbers

Application Specification

Product Specification

Sales Drawing

AS-51238-011-001

PS-51238-010-001, PS-51238-018-001

SD-51234-006

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