



**Part Number :** 512393002

**Product Description :** CRC Shielded  
Rectangular I/O Plug Housing, For Plug  
Assembly, Female Terminal, Signal, 30  
Circuits, Polarization Type A, Polarization  
Position C-3

**Series Number :** 51239

**Status :** Active

**Product Category :** I/O Connectors



## Documents & Resources

### Drawings

[Drawing 512393002\\_sd.pdf](#)

### Specifications

[Application Specification AS-51238-011-001.pdf](#)

[Product Specification PS-51238-018-001.pdf](#)

[Product Specification PS-51238-010-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	I/O Connectors
Series	51239
Description	CRC Shielded Rectangular I/O Plug Housing, For Plug Assembly, Female Terminal, Signal, 30 Circuits, Polarization Type A, Polarization Position C-3
Application	N/A
Component Type	Housing
Product Family	CRC (Compact Robotic Connectors)
Product Name	CRC
Type	N/A
UPC	800756530093

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Current - Maximum per Contact	N/A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC

#### Physical

Boot Color	N/A
Breakaway	No
Circuits (Loaded)	N/A
Circuits (maximum)	30

Color - Resin	Black
Flammability	94V-0
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	5870.000/mg
Number of Rows	6
Orientation	Vertical
Packaging Type	Tray
Panel Mount	N/A
PCB Locator	No
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Ports	1
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	N/A
Waterproof / Dustproof	No

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
CRC Shielded Rectangular I/O Receptacle Housing for Male Terminals	<u>51233</u>

### Use with Part(s)

Description	Part Number
CRC Signal Female Terminals	<u>56120</u>
CRC Signal Female Terminals	<u>56121</u>

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