



Part Number : [512331211](#)

Product Description : CRC Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 12 Circuits, Polarization Type Standard

Series Number : 51233

Status : Active

Product Category : I/O Connectors



Documents and Resources

Drawings

[512331211_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications


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

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	I/O Connectors
Series	51233
Description	CRC Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 12 Circuits, Polarization Type Standard
Application	Panel-Mount, Wire-to-Wire
Component Type	Housing
Product Name	CRC
Type	N/A
UPC	800756205724

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	4.0A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Stainless Steel
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	2777.000/mg
Orientation	Vertical
Packaging Type	Tray
Panel Mount	Front, Rear
PCB Locator	No
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	N/A
Waterproof / Dustproof	No

Mates With / Use With

Mates with Part(s)

Description	Part Number
CRC Shielded Rectangular I/O Plug Housings	<u>51239</u>
CRC Shielded Rectangular I/O Plug Assembly Sets	<u>54332</u>

Use with Part(s)

Description	Part Number
CRC Signal Male Terminals	<u>56116</u>
CRC Signal Male Terminals	<u>56117</u>
CRC Signal Male Terminals	<u>56118</u>
CRC Signal Male Terminals	<u>56119</u>
CRC Shielded Rectangular I/O Receptacle Shells	<u>56377</u>

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