



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 & Resources

Drawings
[512331211_sd.pdf](#)

3D Models and Design Files
[512331211_stp.zip](#)

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	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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

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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