



Part Number : [512392002](#)
Product Description : CRC Shielded Rectangular I/O Plug Housing, For Plug Assembly, Female Terminal, Signal, 20 Circuits, Polarization Type A, Polarization Position B-2
Series Number : 51239
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings
[Drawing 512392002_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

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, 20 Circuits, Polarization Type A, Polarization Position B-2
Application	N/A
Component Type	Housing
Product Family	CRC (Compact Robotic Connectors)
Product Name	CRC
Type	N/A
UPC	800756530055

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)	20

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	4450.000/mg
Number of Rows	5
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

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>
