



Part Number : [563775001](#)
Product Description : CRC Shielded Rectangular I/O Receptacle Shell, Panel Mount, Signal, 50 Circuits, Rear Mount Type
Series Number : 56377
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings

[563775001_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[AS-51238-017-001.pdf](#)

[PS-51238-016-001.pdf](#)

[PS-51238-017-001.pdf](#)

[PS-51300-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
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	56377
Description	CRC Shielded Rectangular I/O Receptacle Shell, Panel Mount, Signal, 50 Circuits, Rear Mount Type
Application	Panel-Mount, Wire-to-Wire
Component Type	Panel Mount Shell
Product Name	CRC
Type	N/A
UPC	756054154762

Electrical

Current - Maximum per Contact	2.5A
Shielded	Yes
Shield Type	Full Shield
Voltage - Maximum	250V AC (RMS)/DC

Physical

Circuits (Loaded)	50
Circuits (maximum)	50

Durability (mating cycles max)	100
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Zinc Alloy
Material - Plating Mating	Nickel
Material - Resin	Polyester
Net Weight	31931.000/mg
Orientation	Vertical
Packaging Type	Tray
Panel Mount	Rear
PCB Locator	No
Pitch - Mating Interface	N/A
Polarized to Mating Part	Yes
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	N/A
Waterproof / Dustproof	No

Mates With / Use With

Use with Part(s)

Description	Part Number
CRC Shielded Rectangular I/O Receptacle Housing for Male Terminals	<u>51233</u>
CRC Shielded Rectangular I/O Receptacle Housings for Female Terminals	<u>51238</u>