



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

[Drawing 563775001_sd.pdf](#)

3D Models and Design Files

[3D Model 563775001_stp.zip](#)

Specifications

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

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

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	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	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 Family	CRC (Compact Robotic Connectors)
Product Name	CRC
Type	N/A
UPC	756054154762

Electrical

Current - Maximum per Contact	2.5A
Shield Type	Full Shield
Shielded	Yes
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

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>

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