Part Number : 543321270
Product Description : CRC Shielded Rectangular I/O Plug Assembly Set, Female Terminal, Signal, 12 Circuits, Polarization Type Standard, Lead-Free
Series Number : 54332
Status : Active
Product Category : I/O Connectors



Documents and Resources

Drawings

543321270_sd.pdf

Specifications

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

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- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	I/O Connectors
Series	54332
Description	CRC Shielded Rectangular I/O Plug Assembly Set, Female Terminal, Signal, 12 Circuits, Polarization Type Standard, Lead-Free
Application	Wire-to-Wire
Component Type	Kit
Product Name	CRC
Type	N/A
UPC	822350372657

Electrical

Current - Maximum per Contact	2.0A, 3.0A, 4.0A, 5.0A, 7.0A
Shielded	Yes
Shield Type	Full Shield
Voltage - Maximum	250V AC (RMS)/DC

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black, Gray
Durability (mating cycles max)	100
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold

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Material - Resin	Polyester
Net Weight	26180.564/mg
Number of Rows	4
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
PCB Locator	No
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Crimp or Compression
Waterproof / Dustproof	No

Mates With / Use With

Mates with Part(s)

Description	Part Number
CRC Shielded Rectangular I/O Receptacle Housing for Male Terminals	51233
CRC Shielded Rectangular I/O Receptacle Assembly Sets	55837

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