



Part Number : [512970471](#)
Product Description : CRC Shielded Rectangular I/O Plug Assembly Set, Female Terminal, Power, 4 Circuits, Polarization Type A, Lead-Free
Series Number : 51297
Status : Active
Product Category : I/O Connectors




Documents & Resources

Drawings
[512970471_sd.pdf](#)

Specifications
[PS-51300-005-001.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

Part Details

General

Status	Active
Category	I/O Connectors
Series	51297
Description	CRC Shielded Rectangular I/O Plug Assembly Set, Female Terminal, Power, 4 Circuits, Polarization Type A, Lead-Free
Application	Wire-to-Wire
Component Type	Kit
Product Name	CRC
Type	N/A
UPC	822350847780

Electrical

Current - Maximum per Contact	12.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
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	N/A
Material - Resin	Polyester
Net Weight	26290.564/mg

Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
PCB Locator	No
Pitch - Mating Interface	4.80mm
Pitch - Termination Interface	4.80mm
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 Receptacle Assembly Sets	<u>55889</u>
CRC Shielded Rectangular I/O Receptacle Housings for Male Terminals	<u>55890</u>

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