



**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 and Resources

### Drawings

[512970471\\_sd.pdf](#)


### Specifications

[PS-51300-005-001.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

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## 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
Shielded	Yes
Shield Type	Full Shield
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>

---

This document was generated on Apr 13, 2026