



**Part Number :** [558365001](#)  
**Product Description :** CRC Shielded Rectangular I/O Plug Assembly Set, Male Terminal, With Shield Cover, Signal, 50 Circuits, Polarization Type Standard  
**Series Number :** 55836  
**Status :** Active  
**Product Category :** I/O Connectors



## Documents & Resources

### Drawings

[558365001\\_sd.pdf](#)


### Specifications

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

[PS-51238-017-001.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)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	55836
Description	CRC Shielded Rectangular I/O Plug Assembly Set, Male Terminal, With Shield Cover, Signal, 50 Circuits, Polarization Type Standard
Application	Wire-to-Wire
Component Type	Kit
Product Name	CRC
Type	N/A
UPC	756054151945

### Electrical

Current - Maximum per Contact	1.5A, 1.0A, 2.5A, 2.0A
Shielded	Yes
Shield Type	Full Shield
Voltage - Maximum	250V AC (RMS)/DC

### Physical

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Gray
Durability (mating cycles max)	100
Gender	Plug
Keying to Mating Part	Yes

Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel, Zinc Alloy
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	118550.544/mg
Number of Rows	10
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	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><a href="#">54333</a></u>
CRC Shielded Rectangular I/O Receptacle Assembly Sets	<u><a href="#">54334</a></u>

---

This document was generated on Sep 22, 2025