



Part Number : [558361270](#)
Product Description : CRC Shielded Rectangular I/O Plug Assembly Set, Male Terminal, Signal, 12 Circuits, Polarization Type Standard, Lead-Free
Series Number : 55836
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings

[Drawing 558361270_sd.pdf](#)

Specifications

[Product Specification PS-51238-018-001.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(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

Part Details

General

Status	Active
Category	I/O Connectors
Series	55836
Description	CRC Shielded Rectangular I/O Plug Assembly Set, Male Terminal, Signal, 12 Circuits, Polarization Type Standard, Lead-Free
Application	Wire-to-Wire
Component Type	Kit
Product Family	CRC (Compact Robotic Connectors)
Product Name	CRC
Type	N/A
UPC	822350369497

Electrical

Current - Maximum per Contact	4.0A
Shield Type	Full Shield
Shielded	Yes
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
Material - Resin	Polyester

Net Weight	26868.564/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 Assembly Sets	<u>54333</u>
CRC Shielded Rectangular I/O Receptacle Assembly Sets	<u>54334</u>