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**Part Number:** [54334-5001](#)  
**Status:** **Active**  
**Overview:** CRC™ (Compact Robotic Connectors)  
**Description:** CRC™ Shielded Rectangular I/O Receptacle Assembly Set, Wire-to-Wire/Panel Mount, Female Terminal, Signal, 50 Circuits, Polarization Type Standard

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-51238-017 \(PDF\)](#)  
[Product Specification PS-51238-016 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |                                   |
|----------------|-----------------------------------|
| Product Family | I/O Connectors                    |
| Series         | 54334                             |
| Application    | Panel-Mount, Wire-to-Wire         |
| Component Type | Housing                           |
| Overview       | CRC™ (Compact Robotic Connectors) |
| Product Name   | CRC™                              |
| Type           | N/A                               |
| UPC            | 756054154496                      |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 50              |
| Circuits (maximum)             | 50              |
| Color - Resin                  | Gray            |
| Durability (mating cycles max) | 100             |
| Gender                         | Receptacle      |
| Keying to Mating Part          | Yes             |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Stainless Steel |
| Material - Plating Mating      | Gold            |
| Material - Resin               | Polyester       |
| Net Weight                     | 149504.044/mg   |
| Number of Rows                 | 10              |
| Orientation                    | Vertical        |
| PCB Locator                    | No              |
| Packaging Type                 | Tray            |
| Panel Mount                    | Rear            |
| Pitch - Mating Interface       | 3.00mm          |
| Pitch - Termination Interface  | 3.00mm          |
| Polarized to Mating Part       | Yes             |
| Polarized to PCB               | No              |
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | -40°C to +105°C |
| Termination Interface: Style   | N/A             |
| Waterproof / Dustproof         | No              |

**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 4A               |
| Shield Type                   | Full Shield      |
| Shielded                      | Yes              |
| Voltage - Maximum             | 250V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                       |                            |
|-----------------------|----------------------------|
| Product Specification | PS-51238-016, PS-51238-017 |
| Sales Drawing         | SD-54334-005               |



image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC  
Contains SVHC: No  
Low-Halogen Status  
Not Low-Halogen**

**China RoHS**



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**Search Parts in this Series**

[54334Series](#)

**Mates With**

CRC™ Shielded Rectangular I/O Plug Housing [51234](#) , [55836](#) CRC™ Shielded Rectangular I/O Plug Assembly

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