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**Part Number:** [0543333071](#)  
**Status:** **Active**  
**Overview:** CRC™ (Compact Robotic Connectors)  
**Description:** CRC™ Shielded Rectangular I/O Receptacle Assembly Set, Wire-to-Wire, Female Terminal, Signal, 30 Circuits, Polarization Type A, Lead-Free

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51238-018-001 \(PDF\)](#)

**General**  
Product Family I/O Connectors  
Series [54333](#)  
Application Wire-to-Wire  
Component Type Kit  
Overview [CRC™ \(Compact Robotic Connectors\)](#)  
Product Name CRC™  
Type N/A  
UPC 822350847681

**Physical**  
Boot Color N/A  
Circuits (Loaded) 30  
Circuits (maximum) 30  
Color - Resin Black, Gray  
Durability (mating cycles max) 100  
Gender Socket  
Keying to Mating Part Yes  
Lock to Mating Part Yes  
Material - Metal Stainless Steel, Steel  
Material - Plating Mating N/A  
Material - Resin Polycarbonate, Polyester  
Number of Rows 6  
Orientation Vertical  
Packaging Type Bag  
Panel Mount No  
Pitch - Mating Interface 3.00mm  
Pitch - Termination Interface 3.00mm  
Polarized to Mating Part Yes  
Ports 1  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Crimp or Compression  
Waterproof / Dustproof No

**Electrical**  
Current - Maximum per Contact 7.0A  
Shield Type Full Shield  
Shielded Yes  
Voltage - Maximum 250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**  
Product Specification PS-51238-018-001  
Sales Drawing SD-54333-006



Series image - Reference only

**EU ELV**  
**Not Reviewed**

**EU RoHS** **China RoHS**  
**Not Reviewed**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Not Reviewed  
ELV Not Reviewed  
RoHS Phthalates Not Reviewed

**Search Parts in this Series**  
[54333 Series](#)

**Mates With**  
[55836-3071](#) CRC™ Shielded Rectangular I/O Plug Assembly Set

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