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Part Number: 0543325002
Status: Active
Overview: CRC™ (Compact Robotic Connectors)
Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, Female Terminal, With Shield Cover, Signal, 50 Circuits, Polarization Type A

Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-51238-016-001 \(PDF\)](#)
[Product Specification PS-51238-017-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	I/O Connectors
Series	54332
Application	Wire-to-Wire
Component Type	Housing
Overview	CRC™ (Compact Robotic Connectors)
Product Name	CRC™
Type	N/A
UPC	756054154304
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	7551.844/mg
Number of Rows	4
Orientation	Vertical
PCB Locator	No
Packaging Type	Tray
Panel Mount	No
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	2.0A, 3.0A, 4.0A, 5.0A, 7.0A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-51238-016-001, PS-51238-017-001
Sales Drawing	SD-54332-005



Series image - Reference only

EU ELV
Not Relevant

EU RoHS
Compliant
REACH SVHC
Not Contained Per
-ED/01/2017 (12
January 2017)
Halogen-Free
Status
Not Low-Halogen

China RoHS

Need more information on product environmental compliance?

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

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
54332 Series

Mates With
CRC™ Shielded Rectangular I/O Receptacle Housing 51233 , CRC™ Shielded Rectangular I/O Receptacle Assembly 55837 , 55838

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