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**Part Number:** [59588-5000](#)  
**Status:** **Active**  
**Overview:** CRC™ (Compact Robotic Connectors)  
**Description:** CRC™ Shielded Rectangular I/O Plug Cover B, For Plug Assembly, Signal, 50 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51300-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-51238-017 (PDF)</a>
<a href="#">Product Specification PS-51238-016 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51238-017 (PDF)</a>	



**General**

Product Family	I/O Connectors
Series	59588
Application	Wire-to-Wire
Component Type	Plug Cover
Overview	CRC™ (Compact Robotic Connectors)
Product Name	CRC™
Type	N/A
UPC	756054154786

**Physical**

Boot Color	N/A
Circuits (Loaded)	N/A
Circuits (maximum)	50
Durability (mating cycles max)	100
Gender	N/A
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Zinc Alloy
Material - Plating Mating	N/A
Net Weight	41324.000/mg
Orientation	Vertical
PCB Locator	No
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	N/A
Polarized to Mating Part	N/A
Polarized to PCB	N/A
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	2.5A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-51238-017
Product Specification	PS-51238-016, PS-51238-017, PS-51300-001
Sales Drawing	SD-59588-002

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of  
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

**Search Parts in this Series**

59588Series

**Use With**

51234-501\*\* and 51239-501\*\* Plug Housing|  
 54332-500\* and 55836-500\* Plug Assembly  
 Set

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