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**Part Number:** [56116-8328](#)  
**Status:** **Active**  
**Overview:** CRC™ (Compact Robotic Connectors)  
**Description:** CRC™ Shielded Rectangular I/O Male Terminal, Signal, Sequential Type, Bag, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-51238-018 \(PDF\)](#)  
[Product Specification PS-51238-017 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	56116
Application	N/A
Component Type	Terminal
Overview	CRC™ (Compact Robotic Connectors)
Product Name	CRC™
Type	N/A

**Physical**

Boot Color	N/A
Circuits (Loaded)	N/A
Durability (mating cycles max)	100
Gender	Male
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Orientation	Vertical
Packaging Type	Bag
Panel Mount	N/A
Pitch - Mating Interface	N/A
Plating min - Mating	0.254µm
Plating min - Termination	1.016µm
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	Crimp or Compression
Waterproof / Dustproof	No
Wire Insulation Diameter	1.60mm max.
Wire Size AWG	24, 28

**Electrical**

Current - Maximum per Contact	4A
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

UPC	822350008280
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**Reference - Drawing Numbers**

Product Specification	PS-51238-017, PS-51238-018, RPS-51238-001
Sales Drawing	SD-56116-004



image - Reference only

Series

**EU RoHS**

**ELV and RoHS Compliant**

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

**China RoHS**



**Need more information on product 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**

[56116Series](#)

**Mates With**

[56120](#) 24-28 AWG Terminal, [56121](#) 18-22 AWG Terminal

**Use With**

[51233](#) Pin Housing Assembly, [51234](#) Socket Housing Assembly

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Hand Tool for I/O Male Terminals,A34 24-28 AWG Wire	<a href="#">0638192000</a>
Extraction Tool for Compact Robot	<a href="#">0638133300</a>

Connector Crimp  
Male Terminal

**Japan**

<b>Description</b>	<b>Product #</b>
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New Handtool (Straight Action)	<u>0574075300</u>
Hand Extraction Tool	<u>0574076000</u>

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