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Part Number: [56118-8228](#)
Status: **Active**
Overview: CRC™ (Compact Robotic Connectors)
Description: Shielded Rectangular I/O Male Terminal, Signal, Lead-Free, Reel Packaging

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-51238-018 \(PDF\)](#)
[Product Specification PS-500810-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51238-017 \(PDF\)](#)

General

Product Family I/O Connectors
 Series [56118](#)
 Application N/A
 Component Type Terminal
 Overview [CRC™ \(Compact Robotic Connectors\)](#)
 Product Name CRC™, Mini-HMC™
 Type N/A

Physical

Boot Color N/A
 Circuits (Loaded) N/A
 Durability (mating cycles max) 50
 Gender Male
 Lock to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Orientation Vertical
 PCB Locator No
 Packaging Type Reel
 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 -55°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 2.5A
 Shielded No
 Voltage - Maximum 250V AC (RMS)/DC

Material Info

UPC 822350008938

Reference - Drawing Numbers

Product Specification PS-500810-001, PS-51238-017, PS-51238-018, RPS-51238-001
 Sales Drawing SD-56118-004



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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

[56118Series](#)

Mates With

[561208428](#)

Use With

[5008121000](#) Housing, [500810](#) Shell, [5008110010](#) Cover, [58550](#) End Bell Cap 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	0638192000
Extraction Tool for Compact Robot	0638133300

Connector Crimp
Male Terminal

Japan

Description	Product #
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Applicator for M211A	0574073000
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Bench Press, 18-28

AWG Wire

Hand Extraction Tool	0574076000
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This document was generated on 07/12/2012

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[56118-8228 \(Mouser Reel\)](#) [56118-8228 \(Cut Strip\)](#) [56118-8290](#) [56118-8390](#)