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Part Number:

56118-8328

Status:

Active

Overview:

CRC™ (Compact Robotic Connectors)

Description:

Shielded Rectangular I/O Male Terminal, Signal, Lead-Free, Bag Packaging



Series

image - Reference only

Documents:

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

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                 | 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  | -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 | 822350008921 |
|-----|--------------|

Reference - Drawing Numbers

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

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

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<br>Male Terminals,A34<br>24-28 AWG Wire | 0638192000 |
| Extraction Tool for<br>Compact Robot                      | 0638133300 |

Connector Crimp  
Male Terminal

Japan

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

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