

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [56120-8628](#)
Status: **Active**
Overview: CRC™ (Compact Robotic Connectors)
Description: CRC™ Shielded Rectangular I/O Female Terminal, Signal, Low-Insertion Force Type, Reel, Lead-Free

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	56120
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)	50
Gender	Female
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	1.5A, 2.5A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-500810-001, PS-51238-017, PS-51238-018, RPS-51238-001
-----------------------	--



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

[56120Series](#)

Mates With

[56116](#) 24-28 AWG Sequential Type Terminal, [56117](#) 18-22 AWG Sequential Type Terminal, [56118](#) 24-28 AWG Terminal, [56119](#) 18-22 AWG Terminal

Use With

[51238](#) Receptacle Housing, [51239](#) Plug Housing

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 #
Extraction Tool for Compact Robot Connector Crimp	0638133200

Female Terminal for
18-28 AWG Wire
Hand Tool for I/O 0638192000
Male Terminals,A34
24-28 AWG Wire

Japan

Description	Product #
Applicator for M211A	<u>0574073000</u>
Bench Press, 18-28 AWG Wire	
Hand Extraction Tool	<u>0574076100</u>

This document was generated on 03/28/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION