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Part Number: [0561218728](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Female Terminal, Signal, Low-Insertion Force Type, Bag

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 [56121](#)
Application N/A
Component Type Terminal
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
Packaging Type Bag
Panel Mount N/A
Pitch - Mating Interface (in) 0.000 In
Pitch - Mating Interface (mm) 0.00 mm
Plating min: Mating (µin) 10
Plating min: Mating (µm) 0.25
Plating min: Termination (µin) 40
Plating min: Termination (µm) 1
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 2.20mm (.087") max.
Wire Size AWG 18, 20, 22

Electrical

Current - Maximum per Contact 7A
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
Sales Drawing SD-56121-004



image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

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
[56121Series](#)

Mates With
[56116](#) , [56117](#) , [56118](#) , [56119](#)

Use With
[51238](#) , [51239](#)

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 CRC™ Compact Robot Connector Crimp Female Terminal for 18-28 AWG	0638133200

Hand Tool for 0638192100
CRC™ Shielded
Rectangular I/O Male
Terminals, 18-22
AWG

Japan

Description	Product #
Crimp Hand Tool (Straight Action)	<u>0574075400</u>
Hand Extraction Tool	<u>0574076100</u>

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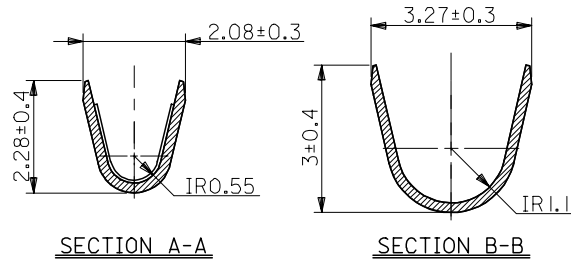
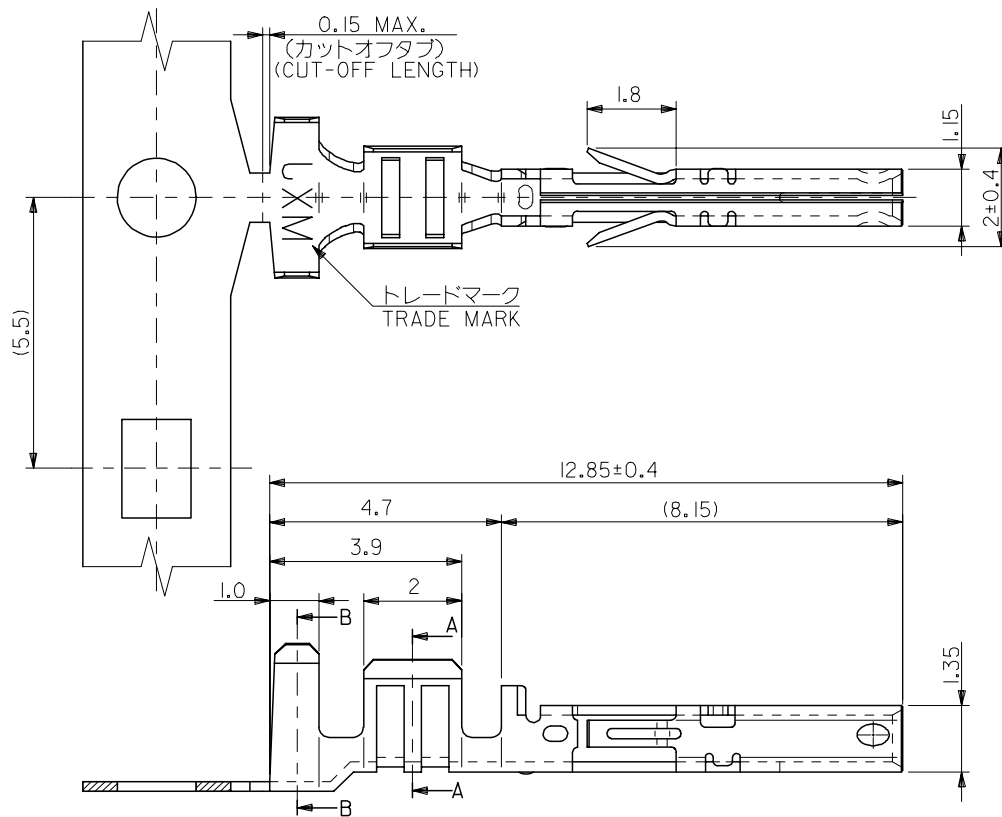
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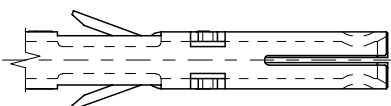
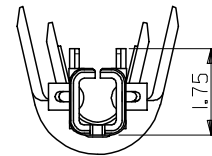
B

A



注記
NOTES

- 材質
MATERIAL
りん青銅 (板厚: 0.2)
PHOSPHOR BRONZE (THICKNESS : 0.2)
- メッキ仕様
TERMINAL PLATING
接点部 : 金メッキ 0.25 μ m MIN.
CONTACT AREA : GOLD 0.25 μ m MIN.
圧着部 : 錫メッキ 1.0 μ m MIN.
CRIMP AREA : TIN 1.0 μ m MIN.
下地メッキ : ニッケルメッキ 2 μ m MIN.
UNDER PLATE : NICKEL 2 μ m MIN.
- 適用電線 : UL1007, AWG #18~22
APPLICABLE WIRE RANGE : UL1007, AWG #18~22
- 被覆外径 : ϕ 2.2 MAX.
INSULATION EXTERNAL DIA : ϕ 2.2 MAX.
- 適用ハウジング : 51238-****, 51239-****
APPLICABLE HOUSING : 51238-****, 51239-****



バラ状 LOOSE	56121-8728	56121-8***
連鎖状 CHAIN	56121-8628	
端子形状 TERMINAL CONFIGURATION	MATERIAL NO.	MODEL NO.

RELEASED EC NO: J2005-2518 0	DRWN:YAOYAGI 2005/03/07 CHKD:MTANAKA APPR:NUKI TA 2005/03/14	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
			10 UNDER	±0.2	DRAWN BY DATE Y. AOYAGI 2005/02/28		TITLE COMPACT ROBOT CONN. 50CKT. CRIMP SOCKET -LEAD FREE-					
			10 OVER 30 UNDER	±0.25	CHECKED BY DATE M. TANAKA 2005/02/28							
			30 OVER	±0.3	APPROVED BY DATE N. UKITA 2005/02/28		 MOLEX INCORPORATED					
			ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					SD-56121-004		1 OF 1
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									