

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0561949028

Status:

Active

Description:

CRC™ Shielded Rectangular I/O Female Terminal, Power, Chain



image - Reference onlySeries

Documents:

Drawing (PDF)

Product Specification PS-51300-005 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	56194
Application	Panel-Mount, Wire-to-Wire
Component Type	Terminal
Product Name	CRC™
Type	N/A

Physical	
Circuits (Loaded)	N/A
Gender	Female
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin, Tin-Lead
Orientation	Vertical
Packaging Type	Reel
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
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.80mm (.150") max.
Wire Size AWG	14, 16, 18

Electrical	
Current - Maximum per Contact	15A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers	
Product Specification	PS-51300-005
Sales Drawing	SD-56194-003

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

56194Series

Mates With

56193 Plug Terminal

Use With

51300 , 51301 Housing . 51298 Hosing Kit

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 Crimp Terminals	0638132800
Hand Tool for CRC™ (Compact Robot Connector) Power Crimp Sockets, 14-18 AWG	0638199900

Japan	
Description	Product #
Extraction Tool	0574136000

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注記
NOTES

1. 材質

MATERIAL

銅合金 (板厚: 0.3)

COPPER ALLOY (THICKNESS: 0.3)

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 1.27 μ m MIN.

UNDER PLATE : NICKEL 1.27 μ m MIN.

3. 適用電線範囲 : UL 1015, AWG #18~14

APPLICABLE WIRE RANGE : UL 1015, AWG #18~14

4. 被覆外径 : ϕ 3.8 MAX.

INSULATION EXTERNAL DIA : ϕ 3.8 MAX.

5. 適用ハウジング : 51300-****, 51301-****

APPLICABLE HOUSING : 51300-****, 51301-****

6. 適用圧着工具 (手動) : 57413-5300 (適用電線 : AWG #16~14)

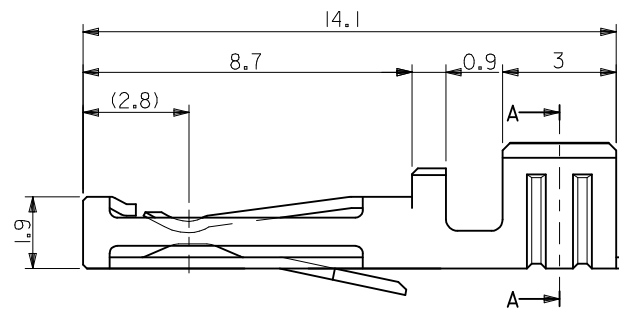
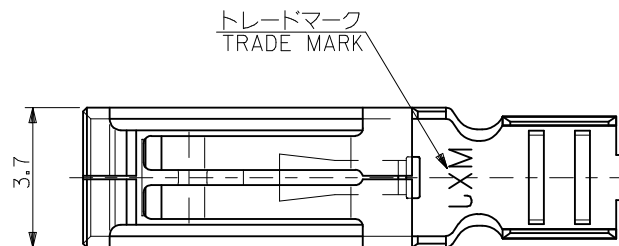
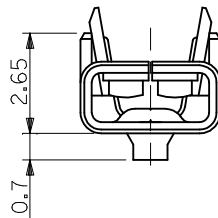
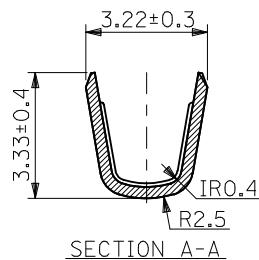
APPLICABLE CRIMP TOOL (HAND) : 57413-5300 (APPLICABLE WIRE AWG #16~14)

: 57413-5400 (適用電線 : AWG #18)

: 57413-5400 (APPLICABLE WIRE AWG #18)

7. 本製品は 56194-9185 の鉛フリー品である。

THIS PRODUCT IS LEAD FREE OF 56194-9185.



①

CHAIN	56194-9028	56194-9***
バラ状 LOOSE	56194-9128	
端子形状 TERMINAL CONFIGURATION	MATERIAL No.	MODEL No.

RELEASED EC NO: WNA2010-0098 DRWN: TMOELLER 2009/08/11 CHKD: MURPHY APPR: JF MURPHY 2009/08/14	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	M. NABEI	'07/10/30	TITLE COMPACT ROBOT CONN. POWER CRIMP SOCKET -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. ISOGAYA	DATE '07/10/30					
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '07/10/30					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-56194-003		1 OF 1			
	REV A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								