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Part Number: **0561168228**
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Male Terminal, Signal, Sequential Type, Reel, Lead-free

Documents:

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

General

Product Family	I/O Connectors
Series	56116
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)	100
Gender	Male
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
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
Polarized to PCB	N/A
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Crimp or Compression
Waterproof / Dustproof	No
Wire Insulation Diameter	1.60mm (.063") max.
Wire Size AWG	24, 28

Electrical

Current - Maximum per Contact	4A
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-51238-017, PS-51238-018, RPS-51238-001
Sales Drawing	SD-56116-004



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

56116Series

Mates With

56120 24-28 AWG Terminal, 56121 18-22 AWG Terminal

Use With

51233 Pin Housing Assembly, 51234 Socket Housing 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

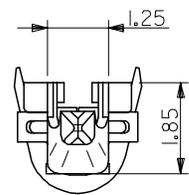
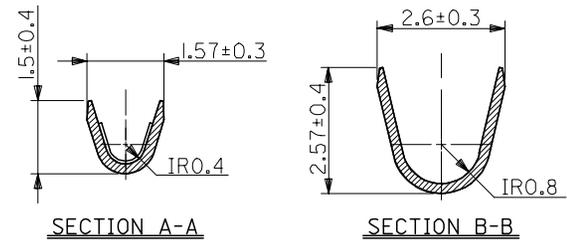
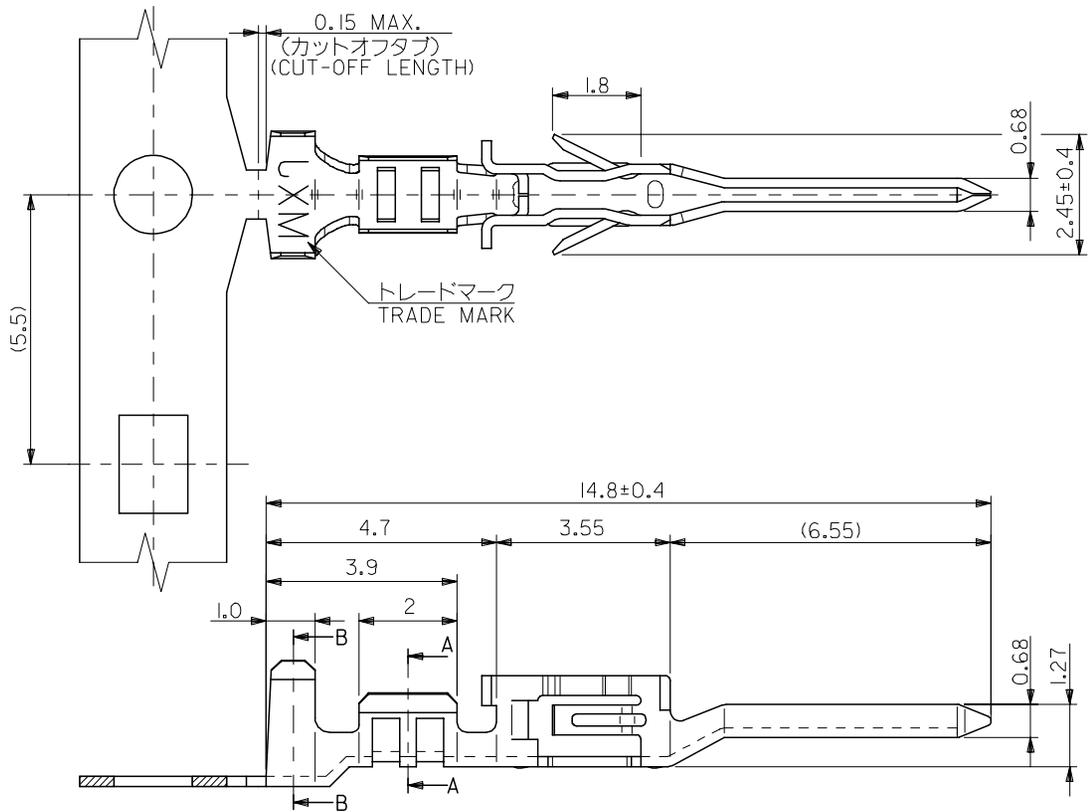
Description	Product #
Extraction Tool for CRC™ Compact Robot Connector Crimp Male Terminal	0638133300

Hand Tool for CRC™ Shielded Rectangular I/O Male Terminals, 24-28 AWG	<u>0638192000</u>
FineAdjust™ Applicator	<u>0638659000</u>

Description	Product #
Applicator for M211A Bench Press, 18-28 AWG, for 56116/56117/56118/56119/56120/56121 Crimp Terminal Hand Extraction Tool	<u>0574073000</u> <u>0574076000</u>

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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 μm MIN.
CONTACT AREA : GOLD 0.25 μm MIN.
圧着部 : 錫メッキ 1.0 μm MIN.
CRIMP AREA : TIN 1.0 μm MIN.
下地メッキ : ニッケルメッキ 2 μm MIN.
UNDER PLATE : NICKEL 2 μm MIN.
- 適用電線 : UL 1007 , AWG #24~28
APPLICABLE WIRE RANGE : UL1007 , AWG #24~28
- 被覆外径 : φ1.6 MAX.
INSULATION EXTERNAL DIA : φ1.6 MAX.
- 適用ハウジング : 51233-**** , 51234-****
APPLICABLE HOUSING : 51233-**** , 51234-****

バラ状 LOOSE	56116-8328	56116-8***
連鎖状 CHAIN	56116-8228	
端子形状 TERMINAL CONFIGURATION	MATERIAL No.	MODEL No.

RELEASED EC NO: J2005-2545 DRWN: YSUGIURA01 2005/03/04 CHKD: MTANAKA 2005/03/07 APPR: NUKITA 2005/03/15 REV: 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY YSUGIURA	DATE 2005/03/01	TITLE COMPACT ROBOT CONN. (CRC) CRIMP PIN -LEAD FREE-	
	10 OVER 30 UNDER	±0.25	CHECKED BY MTANAKA	DATE 2005/03/01	MOLEX INCORPORATED	
	30 OVER	±0.3	APPROVED BY NUKITA	DATE 2005/03/01	DOCUMENT NO. SD-56116-004	SHEET NO. 1 OF 1
	ANGULAR	±3 °	MATERIAL NO. SEE CHART			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		