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Part Number:

0561168328

Status:

Active

Description:

CRC™ Shielded Rectangular I/O Male Terminal, Signal, Sequential Type, Bag, Lead-free



image - Reference onlySeries

- 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	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	-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 0638192000
CRC™ Shielded
Rectangular I/O Male
Terminals, 24-28
AWG

Japan

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

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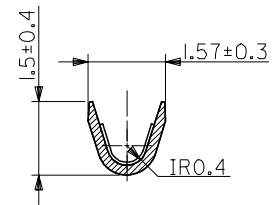
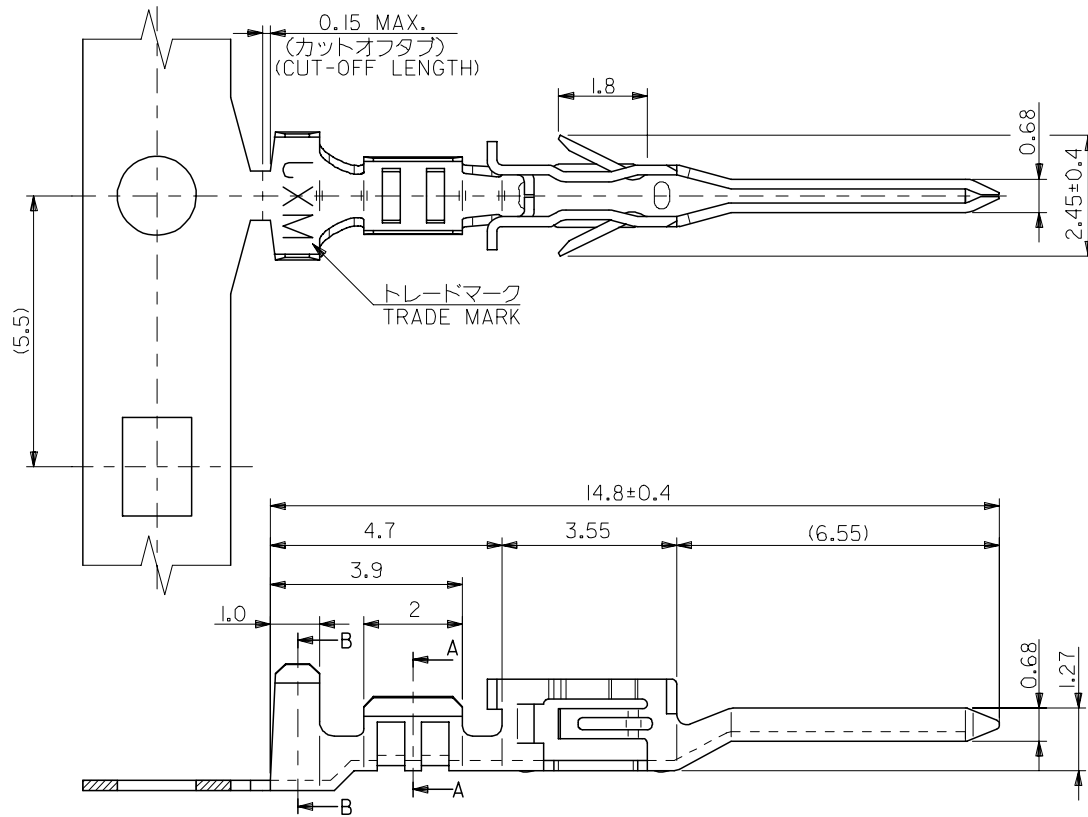
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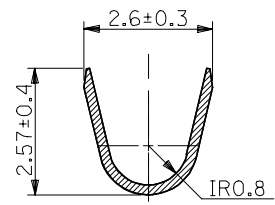
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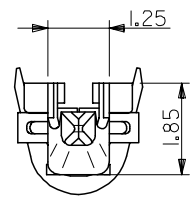
A



SECTION A-A



SECTION B-B



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 : UL 1007 , AWG #24~28
APPLICABLE WIRE RANGE : UL1007 , AWG #24~28
- 被覆外径 : ϕ 1.6 MAX.
INSULATION EXTERNAL DIA : ϕ 1.6 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 O	DESCRIPTION REV	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					
		30 OVER	±0.3	APPROVED BY NUKITA	DATE 2005/03/01	MOLEX INCORPORATED				
		ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-56116-004		1 OF 1		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						