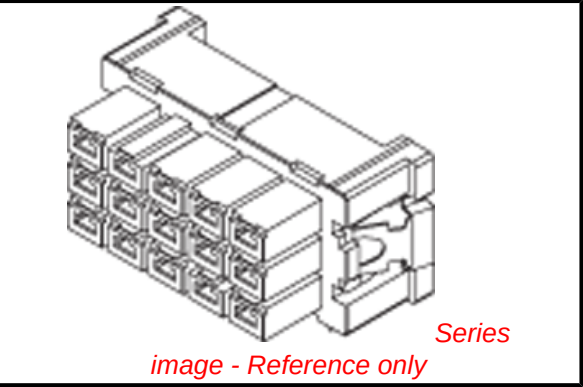


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0513001511](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Receptacle Socket Housing for Female Terminal, Power, 15 Circuits, Polarization Type A



Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51300-001 \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	I/O Connectors
Series	51300
Application	Panel-Mount, Wire-to-Wire
Component Type	Housing
Product Name	CRC™
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	N/A
Circuits (maximum)	15
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Stainless Steel
Material - Plating Mating	n/a
Material - Resin	Polyester
Number of Rows	5
Orientation	Vertical
PCB Locator	No
Packaging Type	Tray
Panel Mount	Front, Rear
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Pitch - Term. Interface (in)	0.197 In
Pitch - Term. Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	15A
Voltage - Maximum	250V AC (RMS)/DC

Material Info

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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
[51300Series](#)

Mates With
55891-151X plug housing, [55887](#) plug assembly set

Use With
56377-50** receptacle shell|[56194-9*85](#) female terminal

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-51300-001
SD-51300-001

This document was generated on 04/12/2010

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DWG. NO.
SD-51300-001

F

D

A

C

B

DO NOT SCALE DRAWING

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F

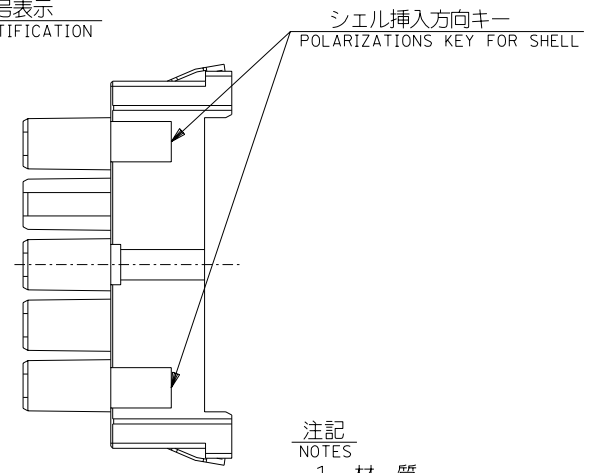
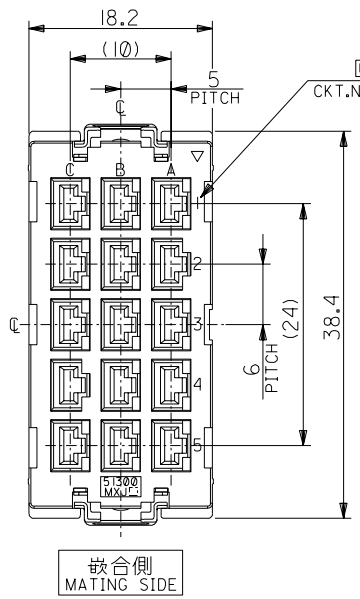
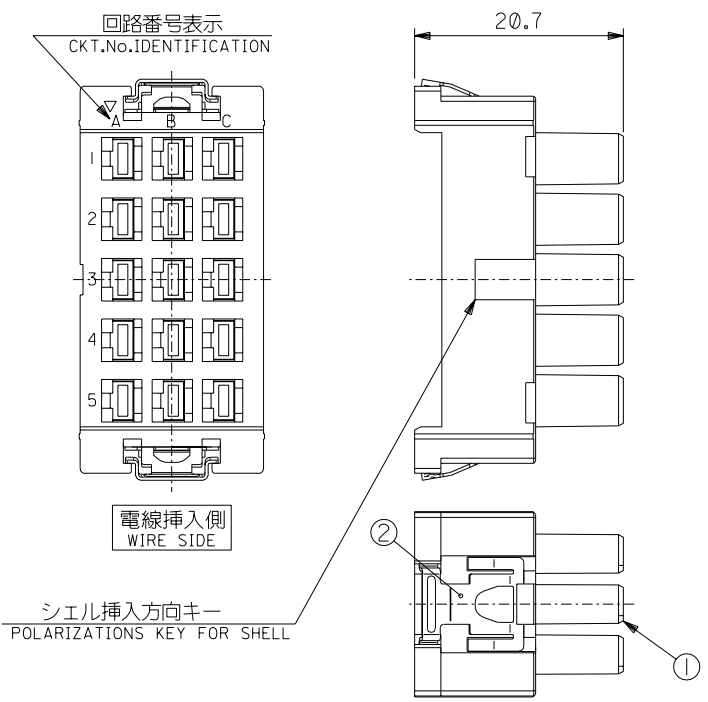
E

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C

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注記
NOTES

1. 材質
MATERIAL
①ハウジング：ガラス入りPBT樹脂
HOUSING : PBT G.F.
UL94V-0 色：黒
UL94V-0 COLOR : BLACK
②スプリング：ステンレス鋼 t0.3
SPRING : STAINLESS STEEL t0.3
2. 適用端子：56194-9*85
APPLICABLE CRIMP PIN : 56194-9*85
3. 適用リセプタクル シエル：56377-50**
APPLICABLE RECEPTACLE SHELL : 56377-50**
4. 嵌合相手：55891-151*
MEET WITH : 55891-151*

<誤嵌合防止キー（極性）タイプ> <POLARITY KEY TYPE>

51300-1512	51300-1512	51300-1513	51300-1514
A TYPE	B TYPE	C TYPE	D TYPE

D	51300-1514	51300-151*	15
C	51300-1513		
B	51300-1512		
A	51300-1511		
POLARITY TYPE	MATERIAL NO.	MODEL NO.	CIRCUIT

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	RELEASED:03/06/27 EC NO. J2003-3272 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: Y.OITO	DESCRIPTION MATERIAL 材料 注記参照 SEE NOTES FINISH 仕上付 WIRE RANGE 適用電線範囲 INS. RANGE 被覆外径	REV	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	☐ mm ☐ INCH ☒ mm ONLY		REVISE ON CAD ONLY	
							10 UNDER 未満	±0.2	DRAWN BY & DATE S.Akiyama 03/02/28		TITLE: COMPACT ROBOT CONN.(CRC) POWER REC. SOCKET HS'G ASS'Y			
							10 OVER 30 UNDER 以上 未満	±0.25	CHECKED BY & DATE Y.Miyazawa 03/03/04					
							30 OVER 以上	±0.3	APPROVED BY & DATE Y.Oito 03/03/04		MOLEX INCORPORATED			
							ANGLE 角度		±3°	CAD FILENAME SD-51300-001.S01	MATERIAL NO. SEE CHART	DRAWING NO. SD-51300-001	SHEET NO. 1 OF 4	
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.							SIZE B

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

DWG. NO.
SD-51300-001

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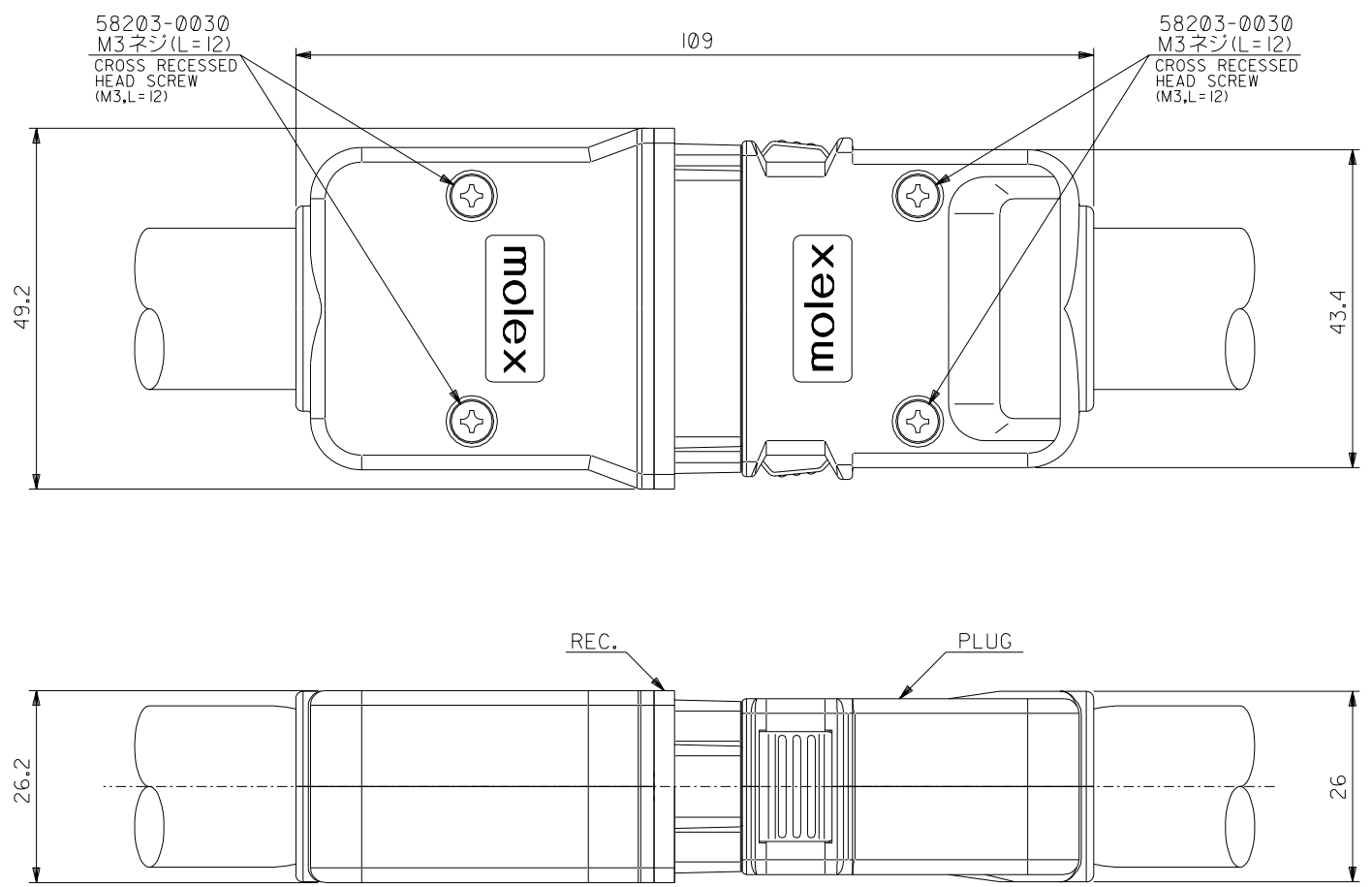
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DO NOT SCALE DRAWING



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嵌合図 (中継タイプ)
CROSS-SECTION VIEW OF MATED CONNECTOR
(WIRE TO WIRE TYPE)

EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		RELEASED:03/06/27 EC NO. J2003-3272 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: Y.OITO		DESCRIPTION	MATERIAL 材料	注記参照 SEE NOTES	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ INCH mm ☒ mm ONLY	SHEET NO. 3 OF 4	REV B
									FINISH 仕上付		10 UNDER 未満		±0.2	DRAWN BY & DATE S. Akiyama 03/02/28		TITLE: COMPACT ROBOT CONN. (CRC) POWER REC. SOCKET HS'G ASS'Y				
									30 OVER 以上		±0.25		CHECKED BY & DATE Y. Morawo 03/03/04							
									WIRE RANGE 適用電線範囲		30 OVER 以上		±0.3	APPROVED BY & DATE Y.O. 03/03/04		MOLEX INCORPORATED				
									INS. RANGE 被覆外径		ANGLE 角度	±3°	CAD FILENAME SD-51300-001.S03		MATERIAL NO. SEE CHART		DRAWING NO. SD-51300-001		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	

