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Part Number: [0558900411](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Receptacle Housing for Male Terminal, Power, 4 Circuits, Polarization Type A, Polarization Position A-1

Documents:
[Drawing \(PDF\)](#) [Product Specification PS-51300-005 \(PDF\)](#)
[Product Specification PS-51300-004 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	I/O Connectors
Series	55890
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)	4
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Receptacle
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	2
Orientation	Vertical
PCB Locator	No
Packaging Type	Tray
Panel Mount	Front, Rear
Pitch - Mating Interface (in)	0.189 In
Pitch - Mating Interface (mm)	4.80 mm
Pitch - Term. Interface (in)	0.189 In
Pitch - Term. Interface (mm)	4.80 mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Ports	1
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	10A, 12.5A, 7A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC



image - Reference only

Series

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
[55890Series](#)

Mates With
[51297](#) plug assembly set, [51301](#) plug housing

Use With
56377-120* receptacle shell, [56193](#) male terminal

Material Info

Reference - Drawing Numbers

Application Specification	AS-51300-005
Product Specification	PS-51300-004, PS-51300-005
Sales Drawing	SD-55890-003

This document was generated on 05/10/2010

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DWG. NO.
SD-55890-003

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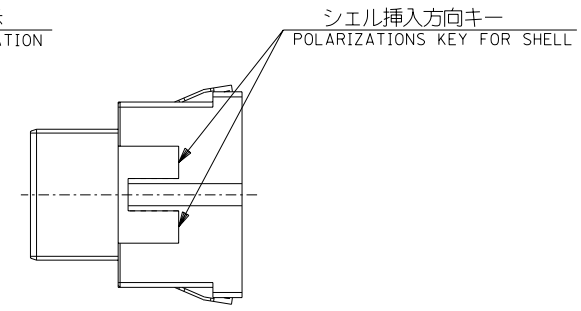
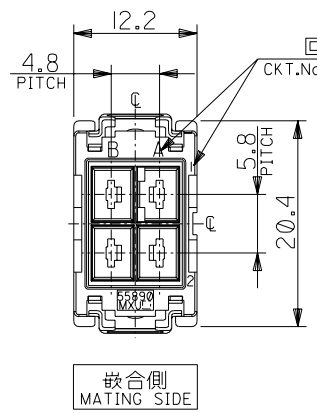
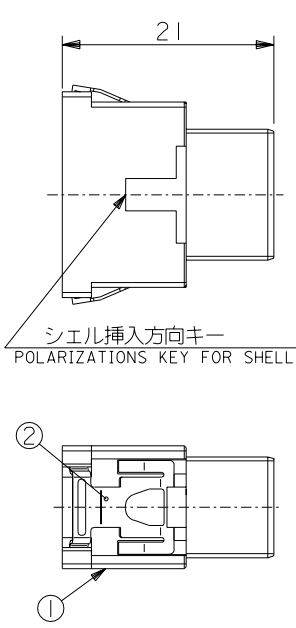
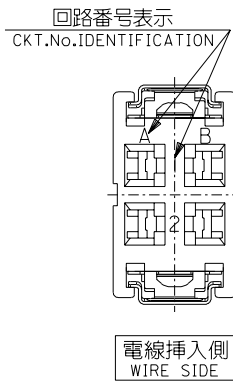
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DO NOT SCALE DRAWING

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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：56193-4*85
APPLICABLE CRIMP PIN : 56193-4*85
3. 適用リセプタクル シェル：56377-12**
APPLICABLE RECEPTACLE SHELL : 56377-12**
4. 嵌合相手：51301-040*
MEET WITH : 51301-040*

<誤嵌合防止キー（極性）タイプ>
<POLARITY KEY TYPE>

55890-0401	55890-0402	55890-0403	55890-0404
A TYPE (CKT No. A-1)	B TYPE (CKT No. A-2)	C TYPE (CKT No. B-1)	D TYPE (CKT No. B-2)

D	55890-0414	55890-041*	4
C	55890-0413		
B	55890-0412		
A	55890-0411		
POLARITY TYPE	MATERIAL No.	MODEL No.	CIRCUIT

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	REVISED '02/04/15 EC NO. J2002-2601 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: YO.ITO	RELEASED '01/10/12 EC NO. J2002-0854 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: YO.ITO	DESCRIPTION MATERIAL 材料 注記参照 SEE NOTES	FINISH 仕上り — # —	WIRE RANGE 適用電線範囲 — # —	INS. RANGE 被覆外径 — # —	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE 2-1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ mm INCH ☒ mm ONLY	REVISE ON CAD ONLY						
										10 UNDER 未満	±0.2		DRAWN BY & DATE S. Akisama '01/10/11	TITLE: COMPACT ROBOT CONN. POWER REC. PIN HS'G ASS'Y						
										10 OVER 以上 30 UNDER 未満	±0.25		CHECKED BY & DATE J. Morawetz							
										30 OVER 以上	±0.3		APPROVED BY & DATE Y. Ota		MOLEX INCORPORATED					
										CAD FILENAME 55890003.S01	MATERIAL NO. SEE CHART	DRAWING NO. SD-55890-003	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

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DWG. NO.
SD-55890-003

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DO NOT SCALE DRAWING

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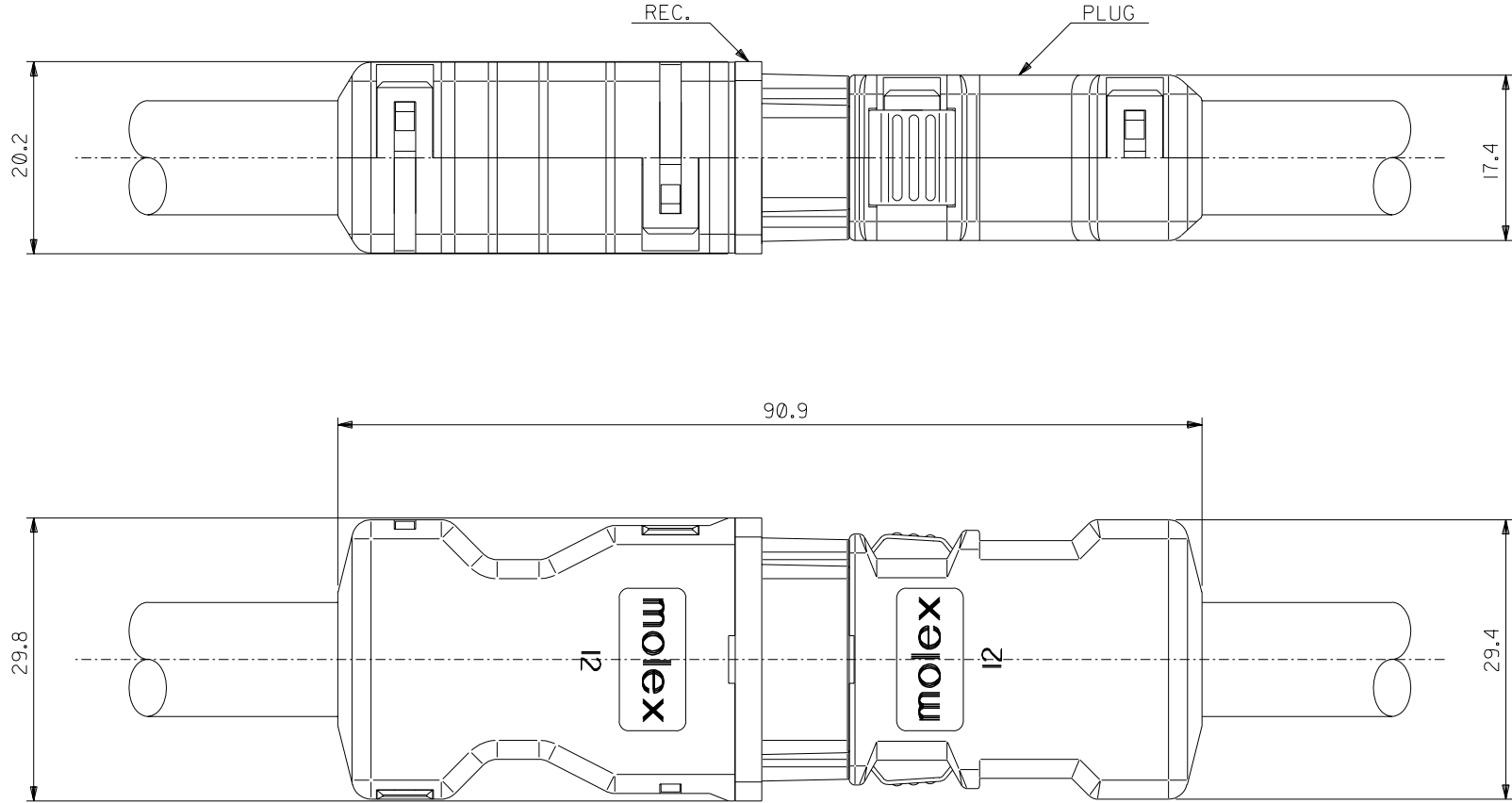
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55890003.S03



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

(WIRE TO WIRE TYPE)																DIMENSIONS:			SHT	REV
EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	REVISED '02/04/15 EC NO. J2002-2601 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: YO.ITO	RELEASED '01/10/12 EC NO. J2002-0854 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: YO.ITO	DESCRIPTION	MATERIAL 材料	注記参照 SEE NOTES		GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE 2-1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	REVISE ON CAD ONLY			
						10 UNDER 未満			±0.2	DRAWN BY & DATE S. Akizama '01/10/11		TITLE: COMPACT ROBOT CONN. POWER REC. PIN HS'G ASS'Y								
						10 OVER 以上	30 UNDER 未満	±0.25	CHECKED BY & DATE J. Morawetz											
						30 OVER 以上			±0.3	APPROVED BY & DATE Y. Ota		MOLEX INCORPORATED								
						WIRE RANGE 適用電線範囲			ANGLE 角度	±3°	CAD FILENAME 55890003.S03	MATERIAL NO. SEE CHART	DRAWING NO. SD-55890-003	SHEET NO. 3 OF 4						
						INS. RANGE 被覆外径			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.											SIZE B

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DWG. NO.
SD-55890-003

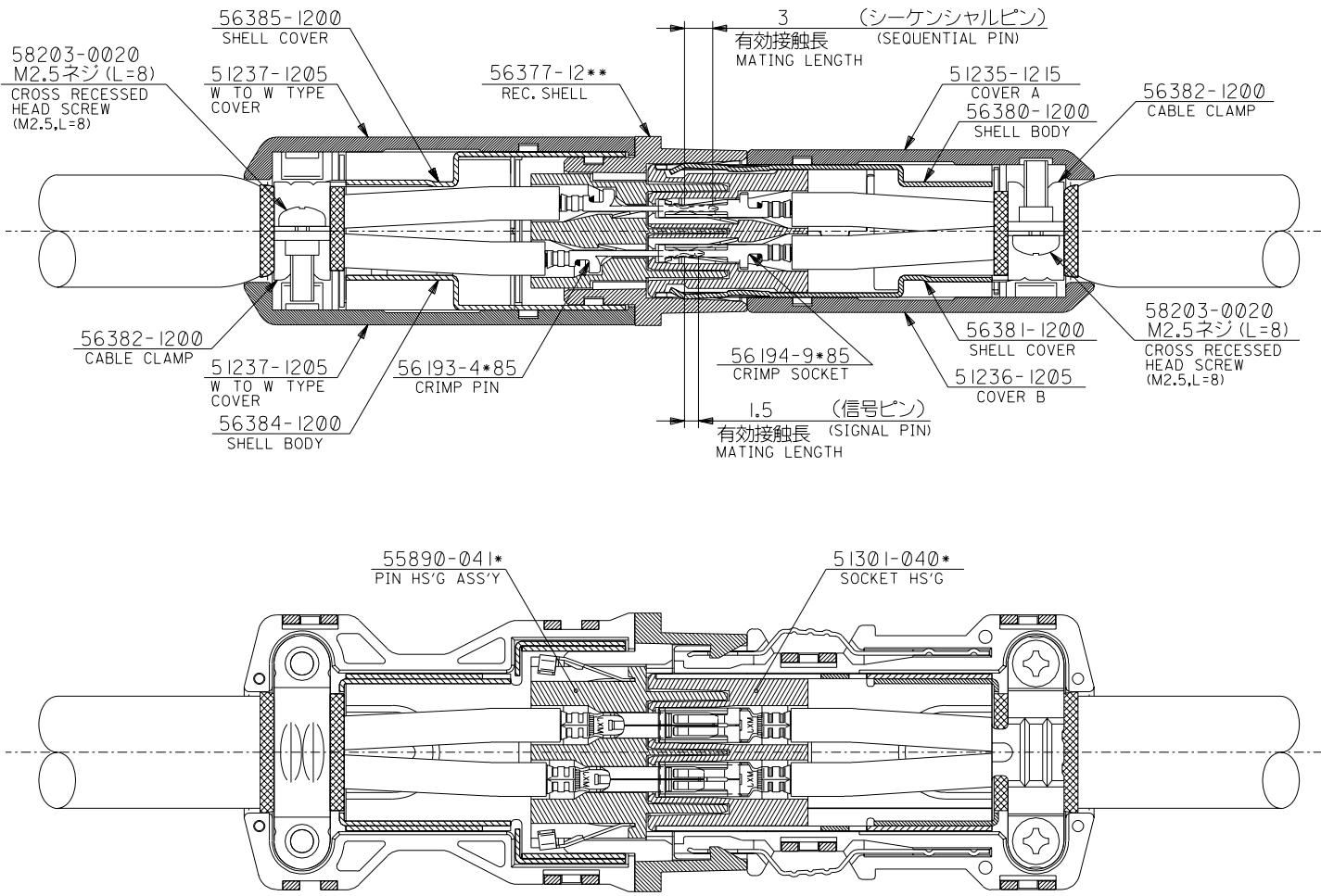
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DO NOT SCALE DRAWING



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

EC NO. DRWN: CH'K: APPR:		EC NO. DRWN: CH'K: APPR:		EC NO. DRWN: CH'K: APPR:		REVISED '02/04/15 EC NO. J2002-2601 DRWN: S.AKIYAMA CH'K: J.MIYAZAWA APPR: YO.ITO	0 EC NO. J2002-0854 DRWN: S.AKIYAMA CH'K: J.MIYAZAWA APPR: YO.ITO	DESCRIPTION MATERIAL 材料 注記参照 SEE NOTES FINISH 仕上げ # WIRE RANGE 適用電線範囲 # INS. RANGE 被覆外径 #	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差 10 UNDER 未満 ±0.2 10 OVER 以上 30 UNDER 未満 ±0.25 30 OVER 以上 ±0.3 ANGLE 角度 ±3°	SCALE 2-1 DESIGN UNITS mm INCH THIRD ANGLE PROJECTION DRAWN BY & DATE S. Akiyama '01/10/11 CHECKED BY & DATE J. Morawo APPROVED BY & DATE Y. Ota CAD FILENAME 55890003.S04	DIMENSIONS: mm INCH mm ONLY SHT REV REVISE ON CAD ONLY		TITLE: COMPACT ROBOT CONN. POWER REC. PIN HS'G ASS'Y MOLEX INCORPORATED		MATERIAL NO. SEE CHART	DRAWING NO. SD-55890-003	SHEET NO. 4 OF 4	SIZE B
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55890003.S04

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Входной контроль качества.
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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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