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Part Number: [0512331211](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 12 Circuits, Polarization Type Standard

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-51238-018 \(PDF\)](#)
[Product Specification PS-51238-010 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
TUV R72081037
UL E29179

General

Product Family I/O Connectors
Series [51233](#)
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) 12
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 4
Orientation Vertical
PCB Locator No
Packaging Type Tray
Panel Mount Front, Rear
Pitch - Mating Interface (in) 0.118 In
Pitch - Mating Interface (mm) 3.00 mm
Pitch - Term. Interface (in) 0.118 In
Pitch - Term. Interface (mm) 3.00 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 4A
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
[51233Series](#)

Mates With
51239-120X plug housing|54332-120X plug
assembly set

Use With
56377-120* receptacle shell|56116, 56117,
56118 and 56119 male terminal

Material Info

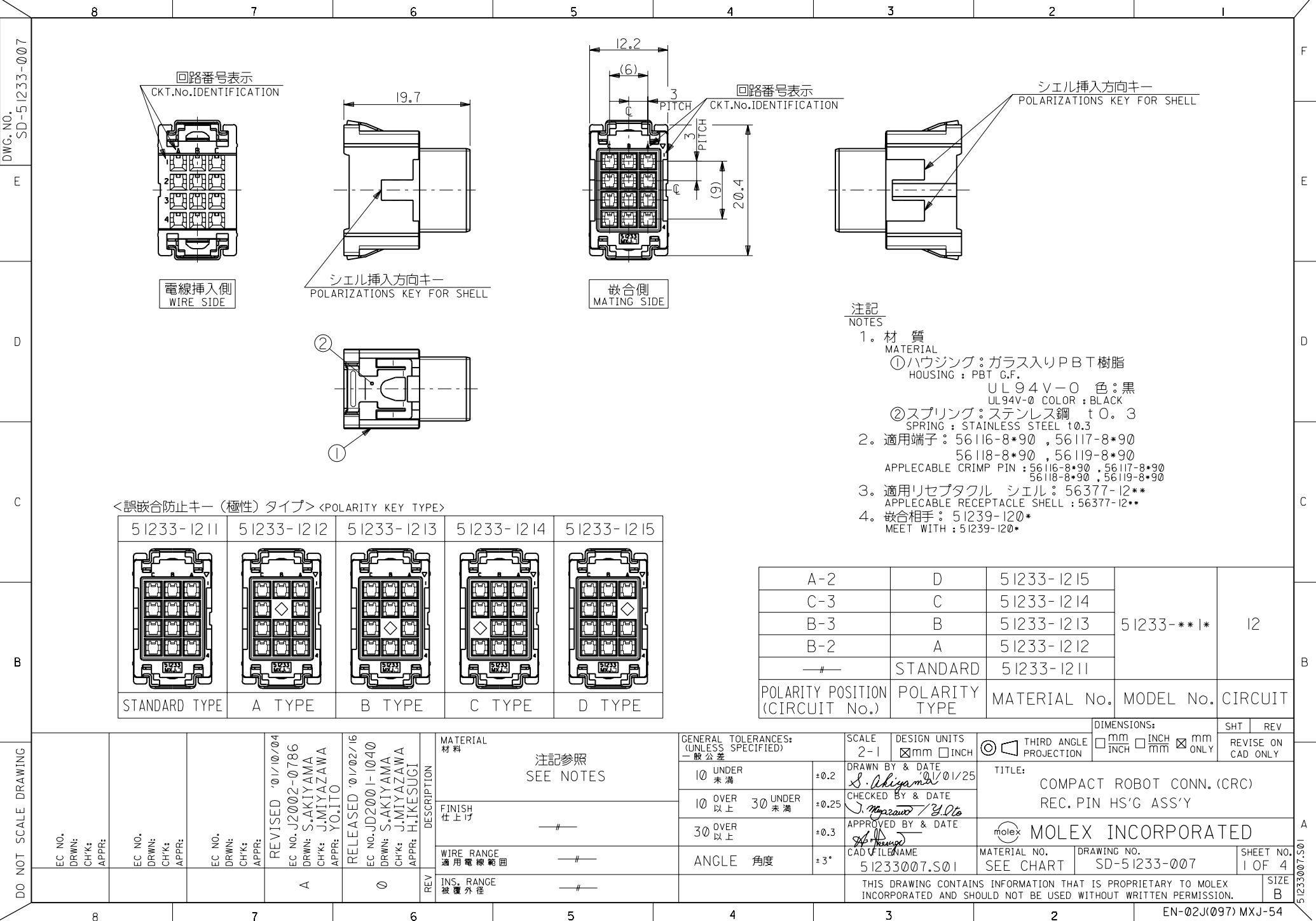
Reference - Drawing Numbers

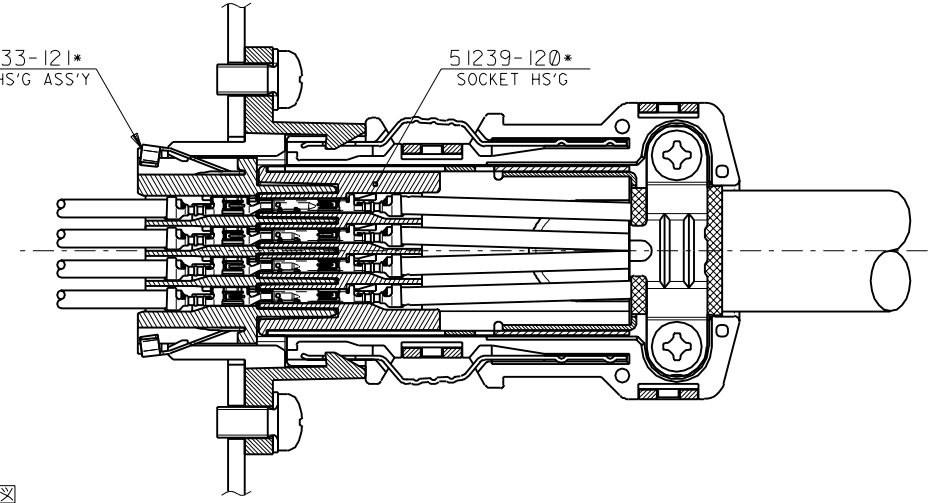
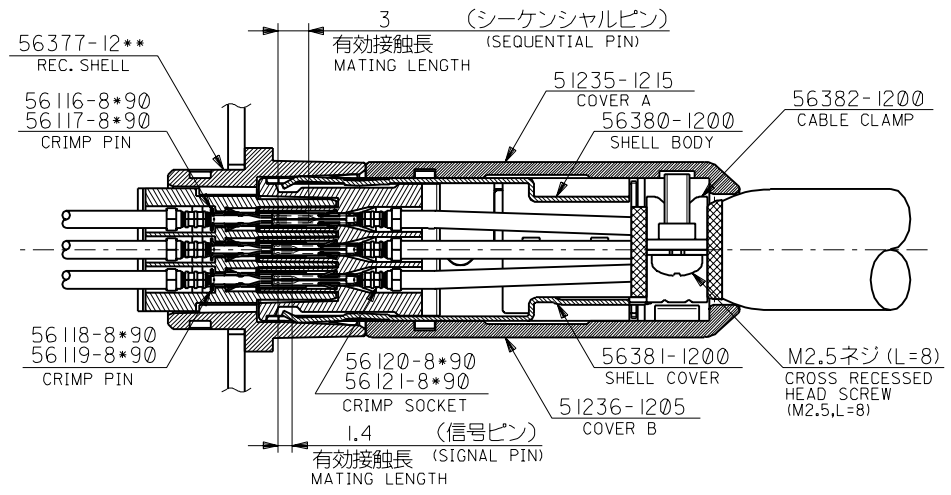
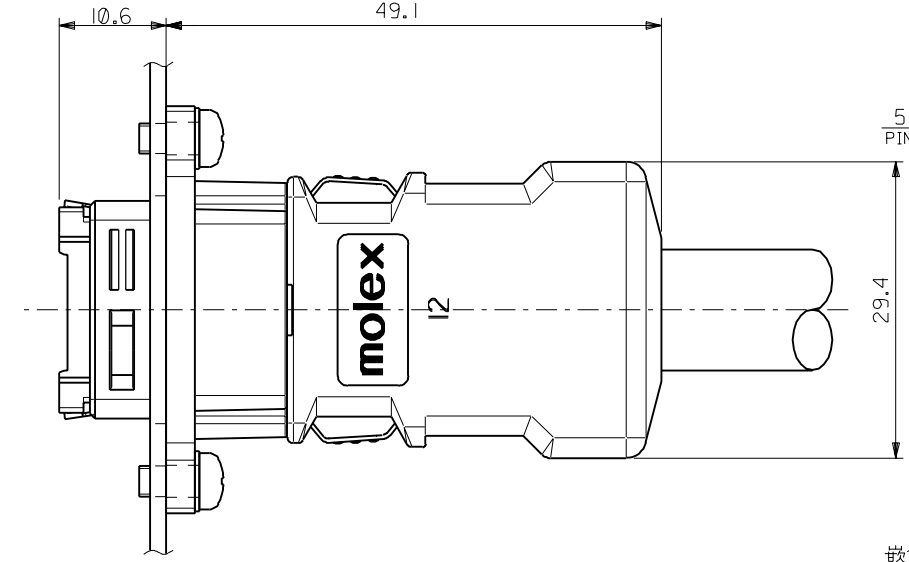
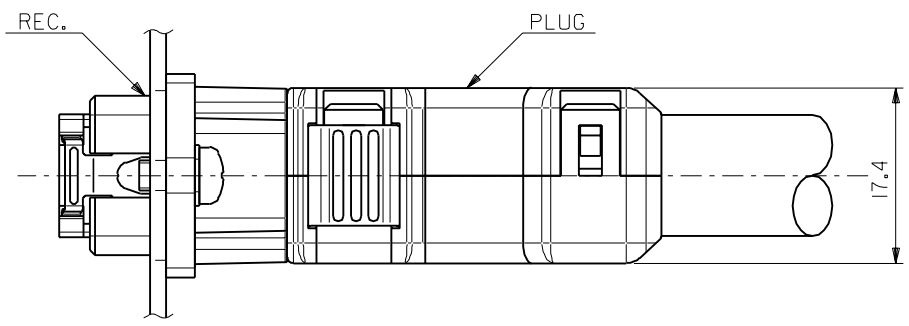
Product Specification
Sales Drawing

PS-51238-010, PS-51238-018, RPS-51238-001
SD-51233-007

This document was generated on 04/12/2010

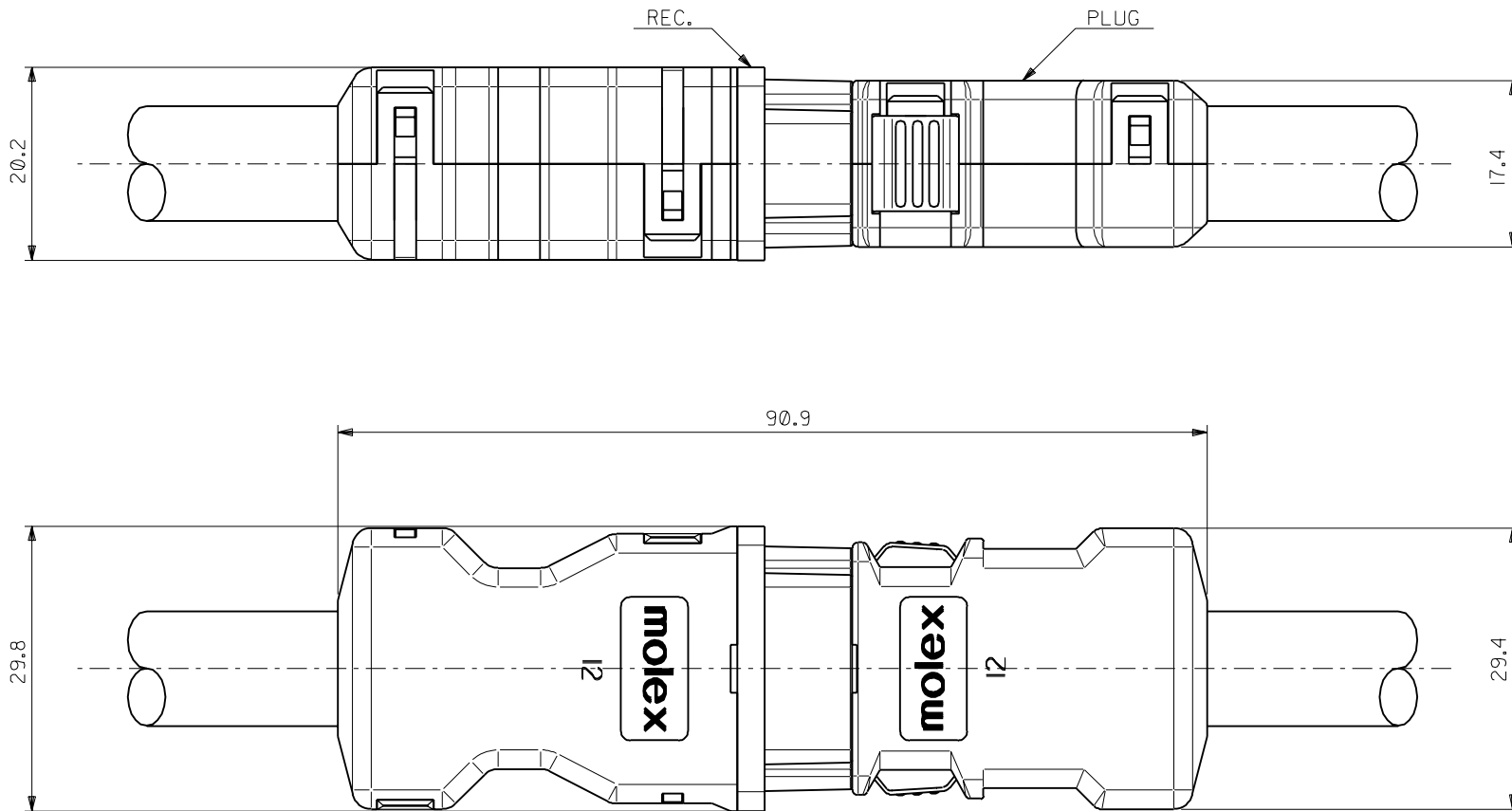
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嵌合図
CROSS-SECTION VIEW OF MATED CONNECTOR

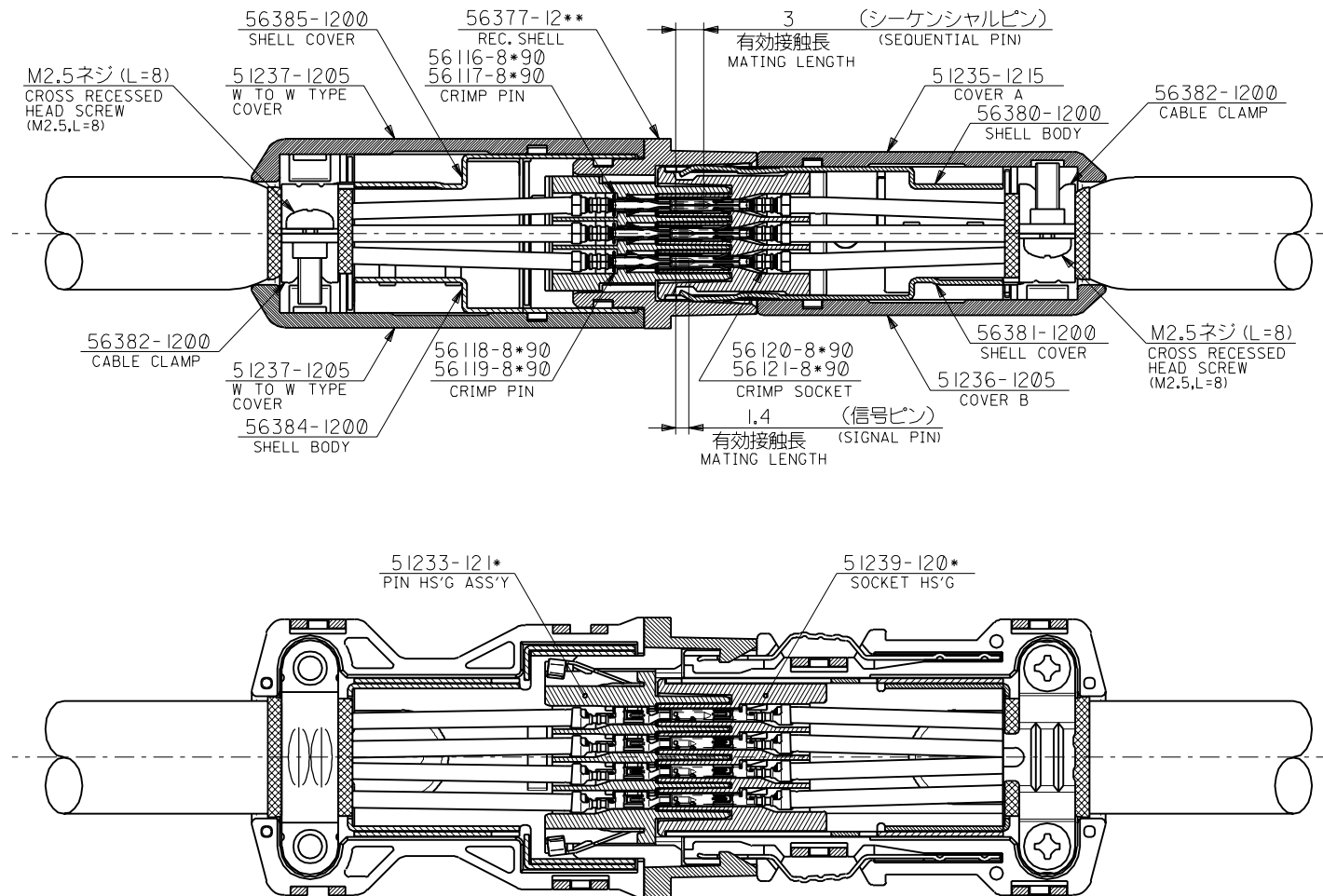
EC NO. DRWN: CHK': APPR:		EC NO. DRWN: CHK': APPR:		EC NO. DRWN: CHK': APPR:		REVISED '01/10/04 EC NO. J2002-0786 DRWN: S. AKIYAMA CHK': J. MIYAZAWA APPR: YO. ITO		RELEASED '01/02/16 EC NO. JD2001-1040 DRWN: S. AKIYAMA CHK': J. MIYAZAWA APPR: H. IKESUGI		DESCRIPTION REV	MATERIAL 材料 注記参照 SEE NOTES FINISH 仕上り WIRE RANGE 適用電線範囲 INS. RANGE 被覆外径	SCALE 2-1 DRAWN BY & DATE S. Akiyama / 01/25 CHECKED BY & DATE J. Miyazawa / Y. Ito APPROVED BY & DATE S. Akiyama / 01/25 ANGLE 角度 ±3°	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	DESIGN UNITS ☒ mm ☐ INCH		 THIRD ANGLE PROJECTION	DIMENSIONS ☐ mm ☐ INCH ☒ mm ONLY		SHEET NO. 2 OF 4 REV ON CAD ONLY
A		0				TITLE: COMPACT ROBOT CONN. (CRC) REC. PIN HS'G ASS'Y													
						MOLEX INCORPORATED													
						MATERIAL NO. SEE CHART		DRAWING NO. SD-51233-007											
						CAD FILE NAME 51233007.S02													
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.													SIZE B						



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

EC NO. DRWN: CHK's APPR:		EC NO. DRWN: CHK's APPR:		EC NO. DRWN: CHK's APPR:		REVISED '01/10/04 EC NO. J2002-0786 DRWN: S.AKIYAMA CHK's: J.MIYAZAWA APPR: YO.ITO	RELEASED '01/02/16 EC NO. JD2001-1040 DRWN: S.AKIYAMA CHK's: J.MIYAZAWA APPR: H.IKESUGI	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 ☐ mm ONLY	REVISE ON CAD ONLY
									FINISH 仕上り —#—	10 UNDER 未満	±0.2	DRAWN BY & DATE S. Akiyama 01/25		TITLE: COMPACT ROBOT CONN. (CRC) REC. PIN HS'G ASS'Y	
										10 OVER 30 UNDER 以上 未満	±0.25	CHECKED BY & DATE J. Miyazawa / Y. Ito			
										30 OVER 以上	±0.3	APPROVED BY & DATE H. Ikessugi		MOLEX INCORPORATED	
								WIRE RANGE 適用電線範囲 —#—	ANGLE 角度	±3°	CAD FILE NAME 51233007.S03		MATERIAL NO. SEE CHART	DRAWING NO. SD-51233-007	SHEET NO. 3 OF 4
						A	Ø	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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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.



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

EC NO. DRWN: CHK'z APPR:	EC NO. DRWN: CHK'z APPR:	EC NO. DRWN: CHK'z APPR:	REVISED '01/10/04 EC NO. J2002-0786 DRWN: S.AKIYAMA CHK'z J.MIYAZAWA APPR: YO.ITO	RELEASED '01/02/10 EC NO. JD2001-1040 DRWN: S.AKIYAMA CHK'z J.MIYAZAWA APPR: H.IKESUGI	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
					FINISH 仕上り		10 UNDER 未満	±0.2	DRAWN BY & DATE S. Akiyama 01/01/25	TITLE: COMPACT ROBOT CONN.(CRC)		
							10 OVER 以上 30 UNDER 未満	±0.25	CHECKED BY & DATE S. Miyazawa / Y. Ito	REC. PIN HS'G ASS'Y		
							30 OVER 以上	±0.3	APPROVED BY & DATE H. Ikesugi	MOLEX INCORPORATED		
					WIRE RANGE 適用電線範囲		ANGLE 角度	±3°	CAD FILE NAME 51233007.S04	MATERIAL NO. SEE CHART	DRAWING NO. SD-51233-007	SHEET NO. 4 OF 4
			A	Ø	REV	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

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

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- 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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