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Part Number: [0513000414](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Receptacle Housing for Female Terminal, Power, 4 Circuits, Polarization Type D, Polarization Position B-2

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 [51300](#)
Application Panel-Mount, Wire-to-Wire
Component Type Housing
Product Name CRC™
Type N/A

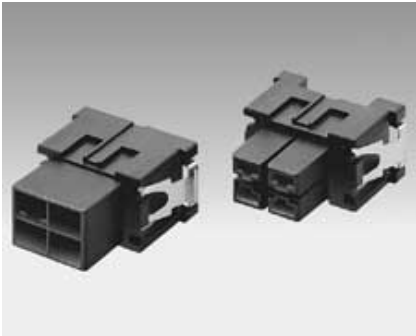
Physical

Boot Color N/A
Circuits (Loaded) N/A
Circuits (maximum) 4
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 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) 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



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



Not Reviewed

**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

[55887](#) plug assembly set, [55891](#) plug
housing

Use With

56377-120* receptacle shell, [56194](#) female
terminal

Reference - Drawing Numbers

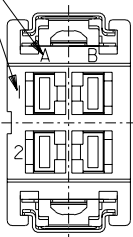
Product Specification
Sales Drawing

PS-51300-004, PS-51300-005
SD-51300-003

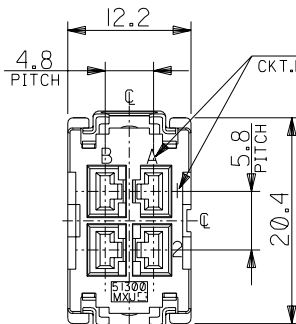
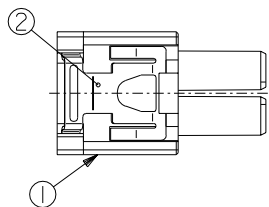
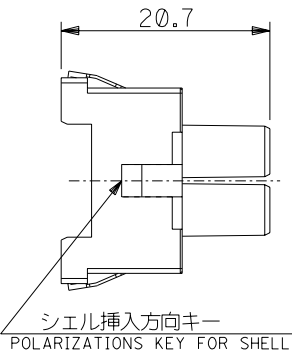
This document was generated on 04/12/2010

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回路番号表示
CKT.No.IDENTIFICATION

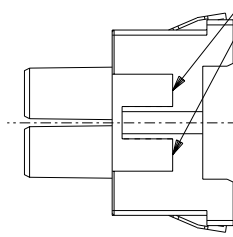


電線挿入側
WIRE SIDE



嵌合側
MATING SIDE

シエル挿入方向キー
POLARIZATIONS KEY FOR SHELL



注記
NOTES

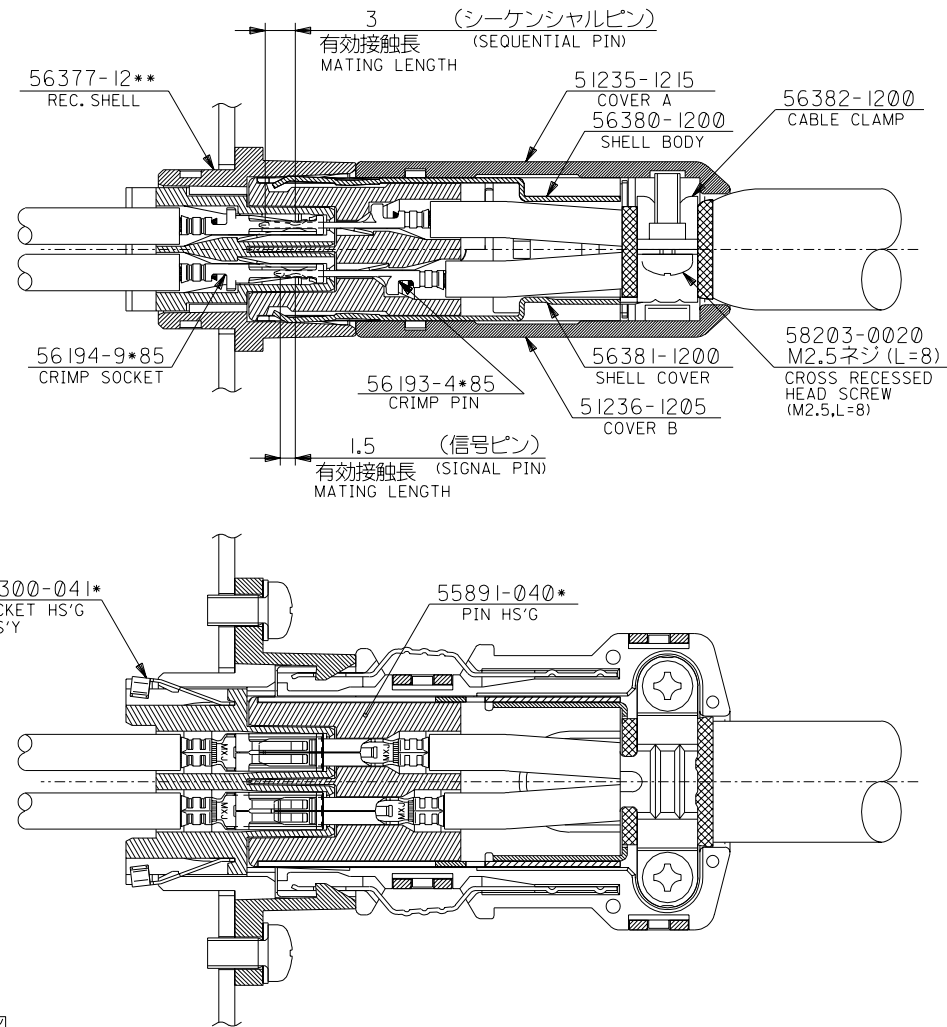
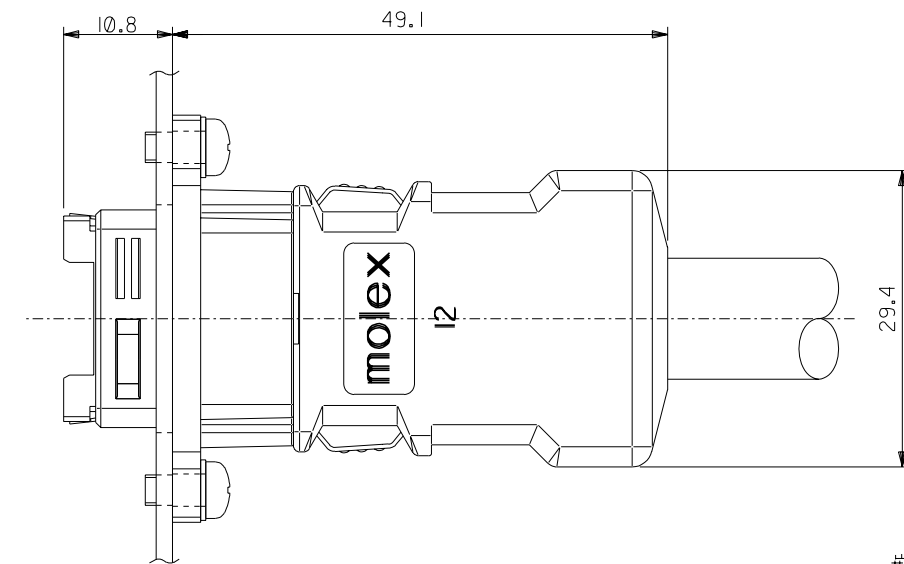
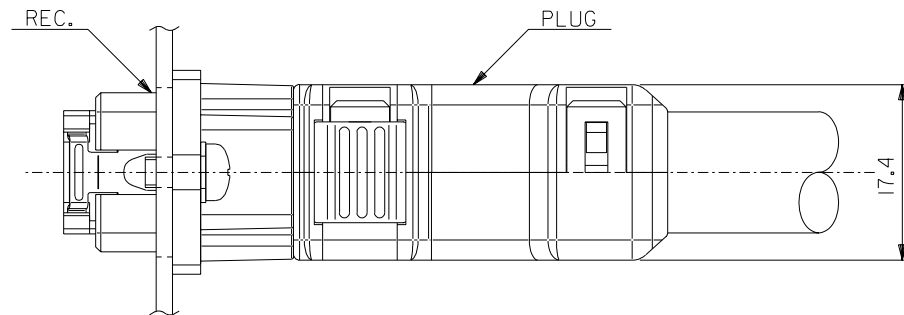
1. 材 質
MATERIAL
①ハウジング：ガラス入りPBT樹脂
HOUSING : PBT G.F.
UL94V-0 色：黒
UL94V-0 COLOR : BLACK
②スプリング：ステンレス鋼 t0.3
SPRING : STAINLESS STEEL t0.3
2. 適用端子：56194-9*85
APPLICABLE CRIMP SOCKET : 56194-9*85
3. 適用リセプタクル シェル：56377-12**
APPLICABLE RECEPTACLE SHELL : 56377-12**
4. 嵌合相手：55891-040*
MEET WITH : 55891-040*

<誤嵌合防止キー（極性）タイプ>
<POLARITY KEY TYPE>

51300-0411	51300-0412	51300-0413	51300-0414
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	51300-0414	51300-041*	4
C	51300-0413		
B	51300-0412		
A	51300-0411		
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 仕上付 WIRE RANGE 適用電線範囲 INS. RANGE 被覆外径	10 UNDER 未満	±0.2	DRAWN BY & DATE S. Akisama '01/10/11	TITLE: COMPACT ROBOT CONN. POWER REC. SOCKET HS'G ASS'Y MOLEX INCORPORATED	THIRD ANGLE PROJECTION mm INCH mm ONLY	REVISE ON CAD ONLY	
						10 OVER 以上	30 UNDER 未満	±0.25				CHECKED BY & DATE J. Morawara
						30 OVER 以上	±0.3	APPROVED BY & DATE Y. Ota				
						ANGLE 角度	±3°	CAD FILENAME 51300003.S01				MATERIAL NO. SEE CHART
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.											SIZE B	



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 '02/04/15 EC NO. J2002-2601 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: YO.ITO	A	0	DESCRIPTION REV INS. RANGE 被覆外径	MATERIAL 材料 注記参照 SEE NOTES FINISH 仕上げ — # — WIRE RANGE 適用電線範囲 — # —	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差 10 UNDER 未満 ±0.2 10 OVER 30 UNDER 以上 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. Akisama '01/10/11 CHECKED BY & DATE J. Marawa APPROVED BY & DATE Y. Ota CAD FILENAME 51300003.S02	DIMENSIONS: □mm □INCH □mm ONLY SHT REV REVISE ON CAD ONLY	TITLE: COMPACT ROBOT CONN. POWER REC. SOCKET HS'G ASS'Y MOLEX INCORPORATED	MATERIAL NO. SEE CHART	DRAWING NO. SD-51300-003	SHEET NO. 2 OF 4	SIZE B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

DWG. NO.
SD-51300-003

F

D

V

C

B

DO NOT SCALE DRAWING

8

7

6

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F

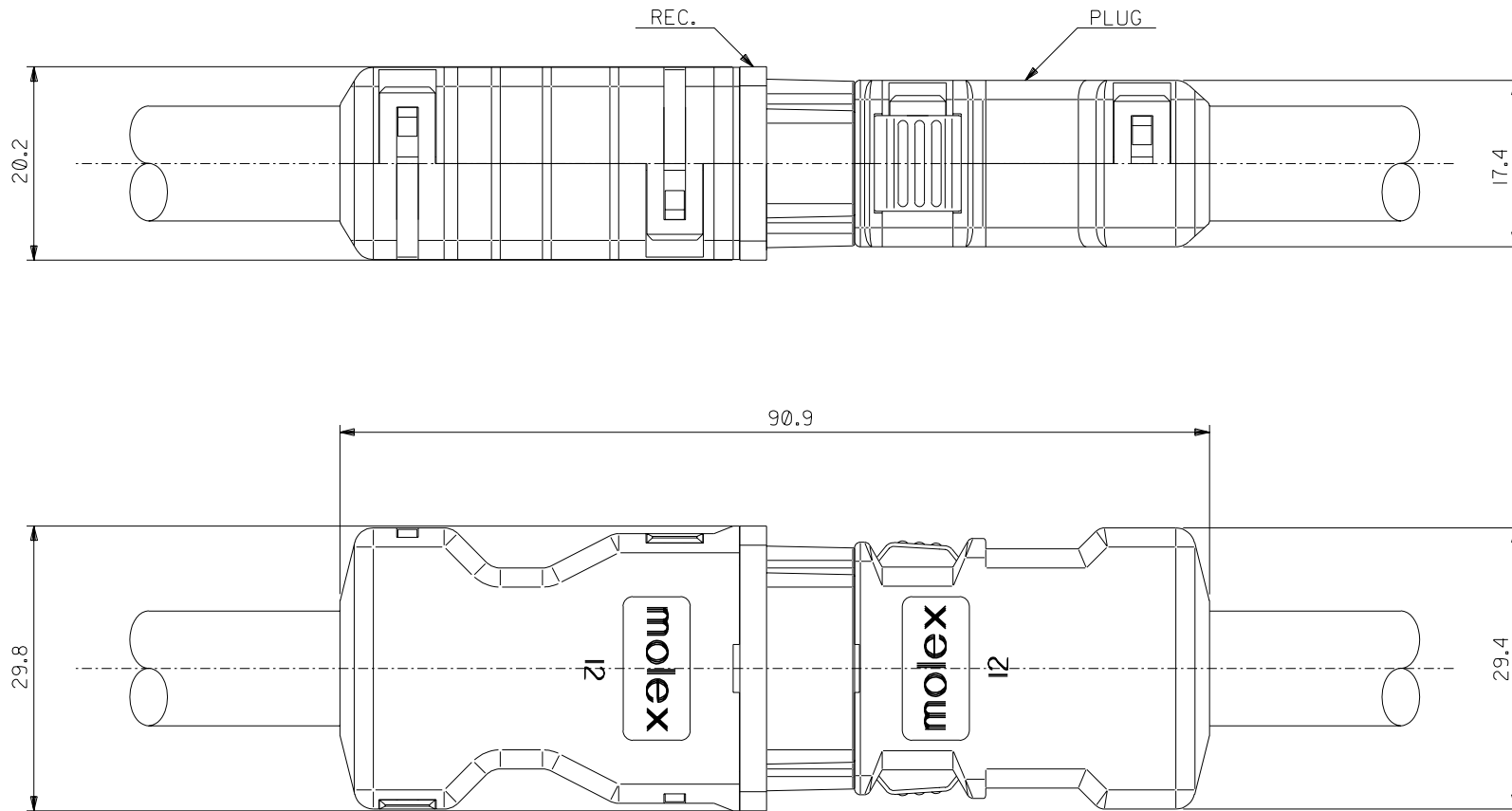
E

D

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A
51300003.S03



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:			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 —
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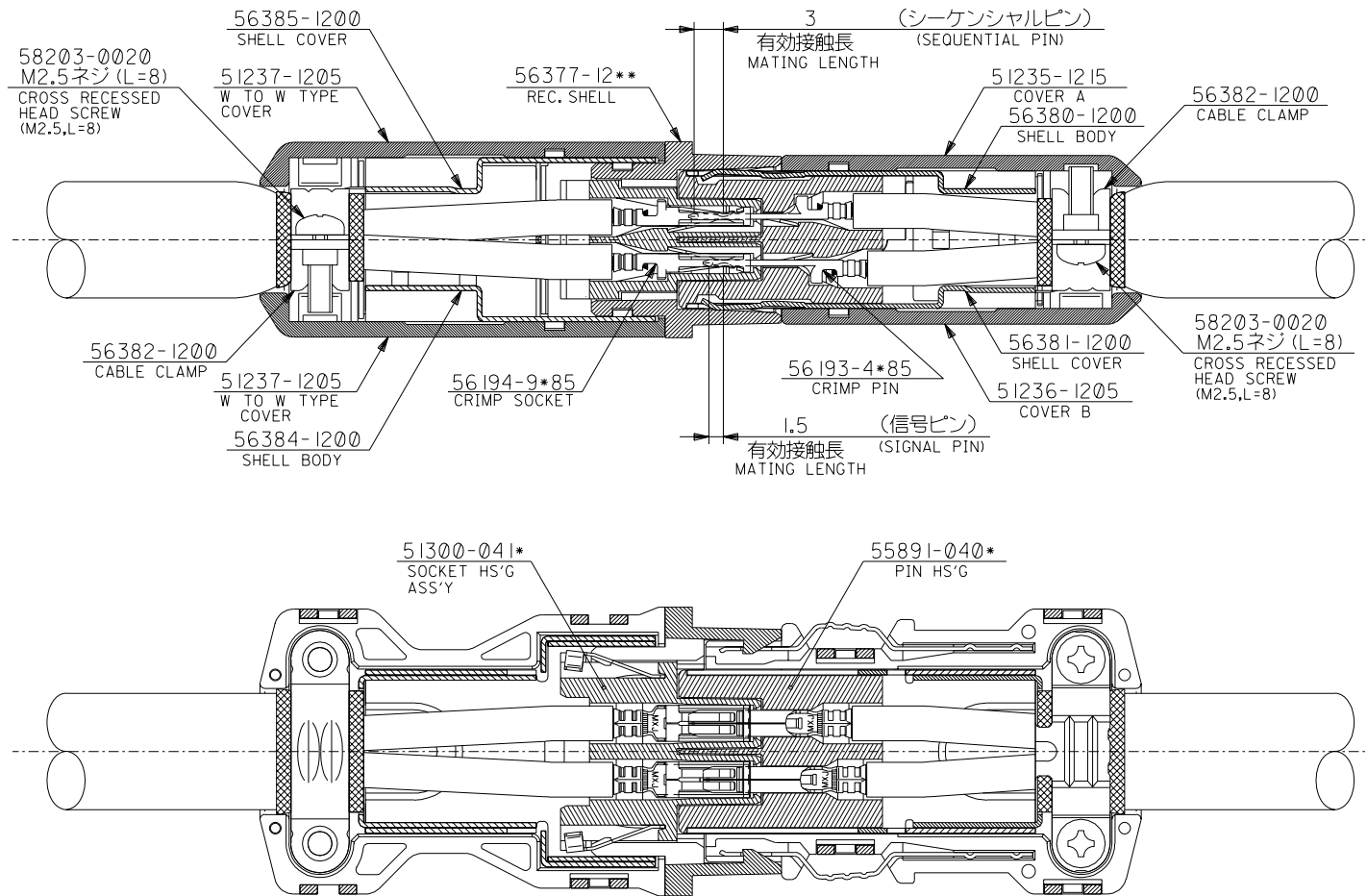
5

4

3

2

EN-02J(097) MXJ-54



嵌合図 (中継タイプ)

CROSS-SECTION VIEW OF MATED CONNECTOR
(WIRE TO WIRE TYPE)

DO NOT SCALE DRAWING

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: Y.O.ITO	DESCRIPTION REV	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 INCH ☒ mm ONLY	REVISE ON CAD ONLY				
									FINISH 仕上				10 UNDER 未満	±0.2	DRAWN BY & DATE S. Akizama '01/10/11		TITLE: COMPACT ROBOT CONN. POWER REC. SOCKET HS'G ASS'Y						
											10 OVER 以上 30 UNDER 未満	±0.25	CHECKED BY & DATE J. Morawo										
													30 OVER 以上	±0.3	APPROVED BY & DATE Y.O.I		MOLEX INCORPORATED						
									WIRE RANGE 適用電線範囲			ANGLE 角度		±3°	CAD FILENAME 51300003.S04		MATERIAL NO. SEE CHART	DRAWING NO. SD-51300-003	SHEET NO. 4 OF 4				
						A			0	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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- 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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