

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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-51300-004 (PDF)

Product Specification PS-51300-005 (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

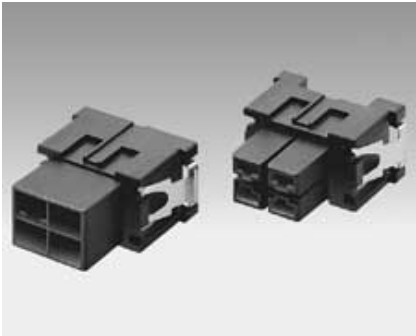
Physical

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

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

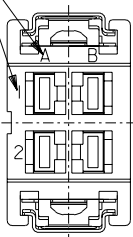
Reference - Drawing Numbers

Product Specification
Sales Drawing

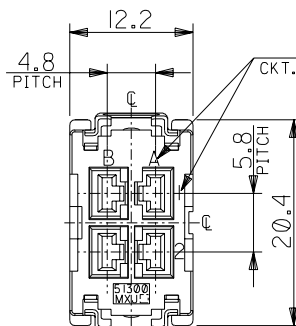
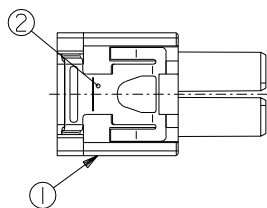
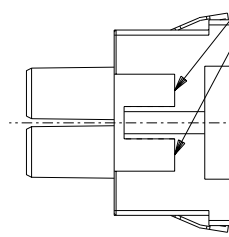
PS-51300-004, PS-51300-005
SD-51300-003

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

20.7

シエル挿入方向キー
POLARIZATIONS KEY FOR SHELL嵌合側
MATING SIDE回路番号表示
CKT.No.IDENTIFICATIONシエル挿入方向キー
POLARIZATIONS KEY FOR SHELL注記
NOTES

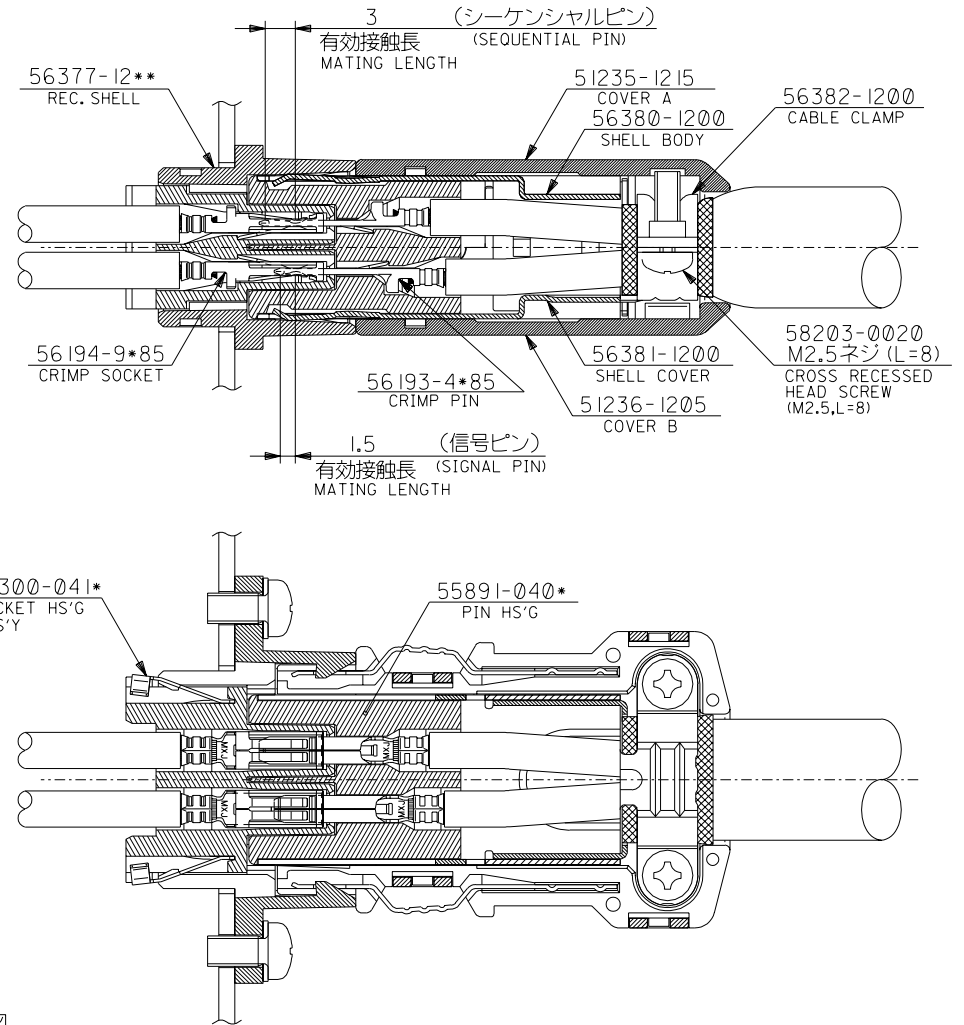
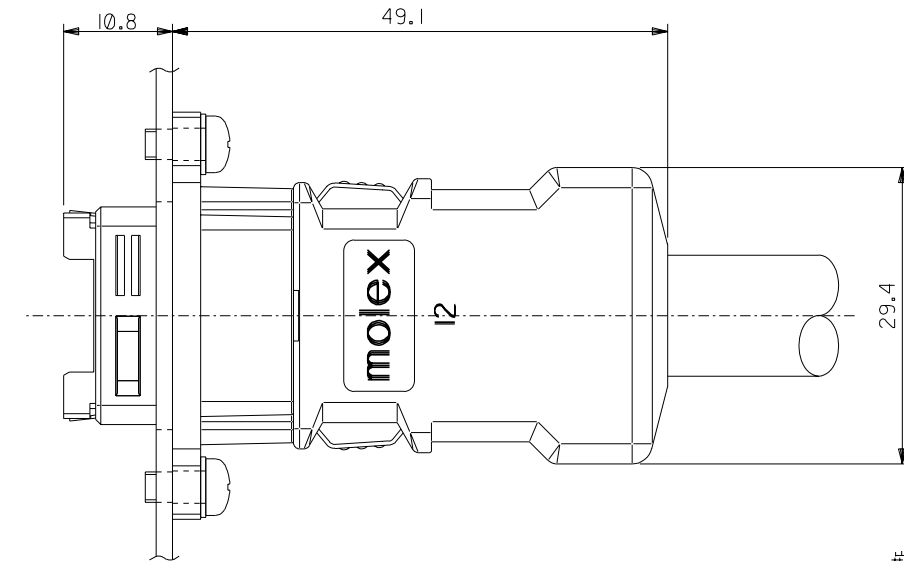
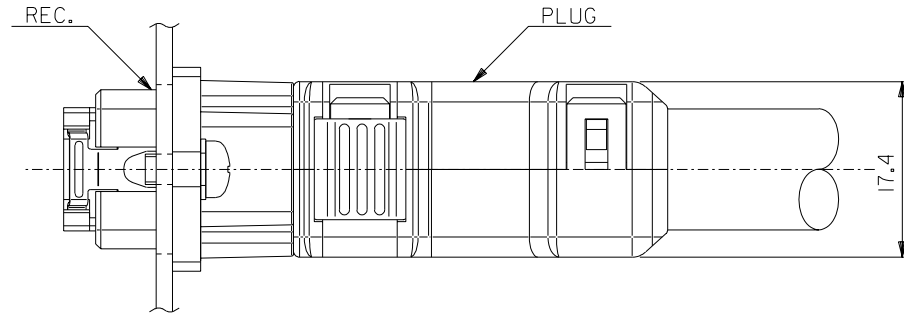
- 材質
MATERIAL
①ハウジング：ガラス入りPBT樹脂
HOUSING : PBT G.F.
UL94V-0 色：黒
UL94V-0 COLOR : BLACK
②スプリング：ステンレス鋼 t0.3
SPRING : STAINLESS STEEL t0.3
- 適用端子：56194-9*85
APPLICABLE CRIMP SOCKET : 56194-9*85
- 適用リセプタクル シエル：56377-12**
APPLICABLE RECEPTACLE SHELL : 56377-12**
- 嵌合相手：55891-040*
MEET WITH : 55891-040*

<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 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 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. 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. Ota						MOLEX INCORPORATED											
																					WIRE RANGE 適用電線範囲			#			ANGLE 角度			±3°			CAD FILENAME 51300003.S01			MATERIAL NO. SEE CHART			DRAWING NO. SD-51300-003			SHEET NO. 1 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											



嵌合図

CROSS-SECTION VIEW OF MATED CONNECTOR

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	A	Ø	REV	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 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. SOCKET HS'G ASS'Y			
								10 OVER 以上		30 UNDER 未満	±0.25		CHECKED BY & DATE J. Marawa		
								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 51300003.S02	MATERIAL NO. SEE CHART	DRAWING NO. SD-51300-003	SHEET NO. 2 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	

DWG. NO.
SD-51300-003

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DO NOT SCALE DRAWING

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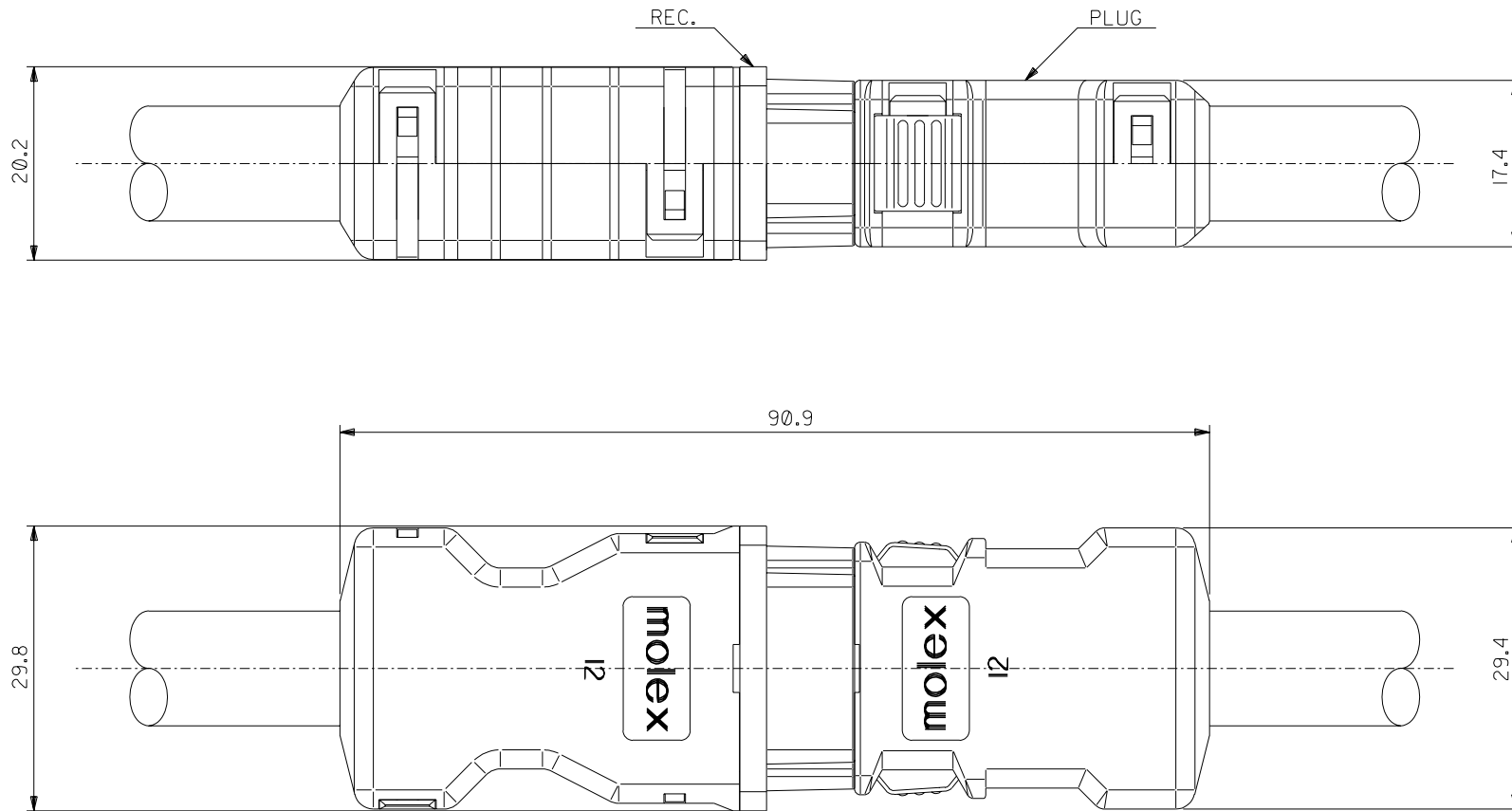
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51300003.S03



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. SOCKET HS'G ASS'Y							
						10 OVER 30 UNDER 以上 未満		±0.25	CHECKED BY & DATE J. Morawo									
						30 OVER 以上		±0.3	APPROVED BY & DATE Y. Ota		MOLEX INCORPORATED							
						WIRE RANGE 適用電線範囲		ANGLE 角度		CAD FILENAME 51300003.S03					MATERIAL NO. SEE CHART	DRAWING NO. SD-51300-003	SHEET NO. 3 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		

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EN-02J(097) MXJ-54

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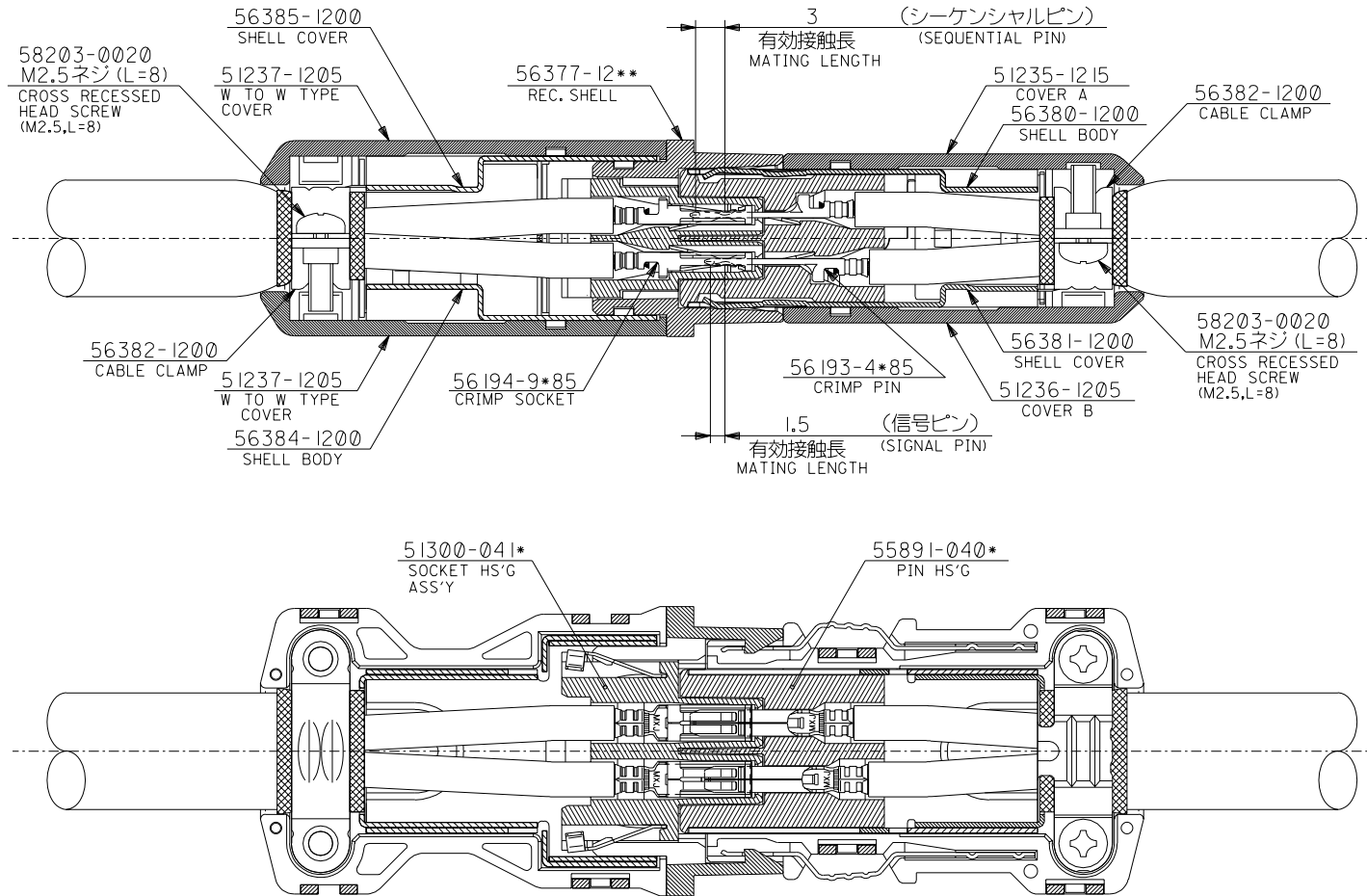
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嵌合図 (中継タイプ)

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:			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 ONLY	REVISE ON CAD ONLY			
												10 UNDER 未満	±0.2	DRAWN BY & DATE S. Akiyama 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. 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 51300003.S04	MATERIAL NO. SEE CHART	DRAWING NO. SD-51300-003	SHEET NO. 4 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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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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