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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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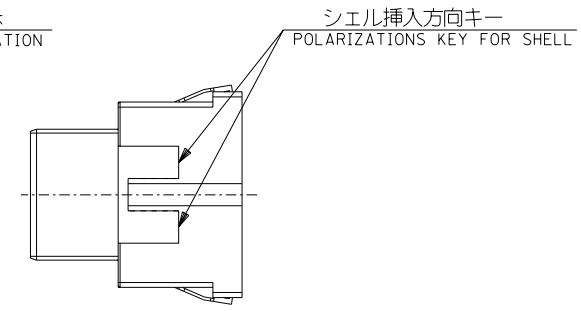
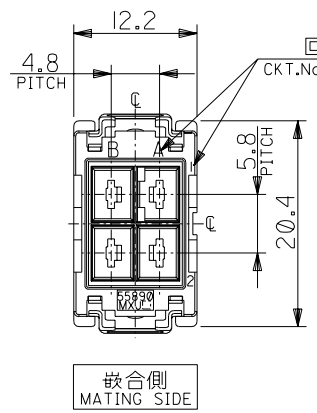
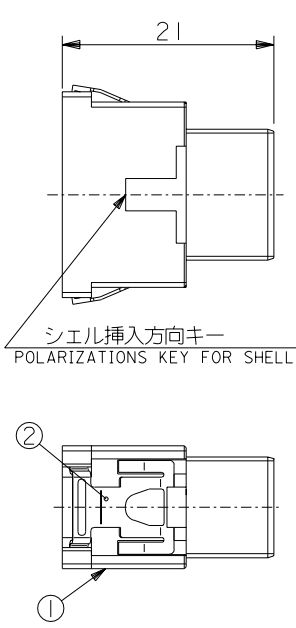
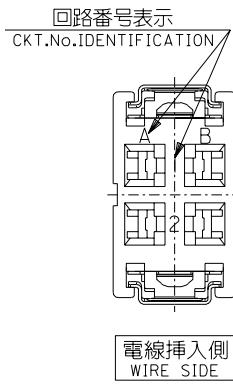
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DO NOT SCALE DRAWING

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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	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 MOLEX 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 55890003.S01				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										SIZE B			

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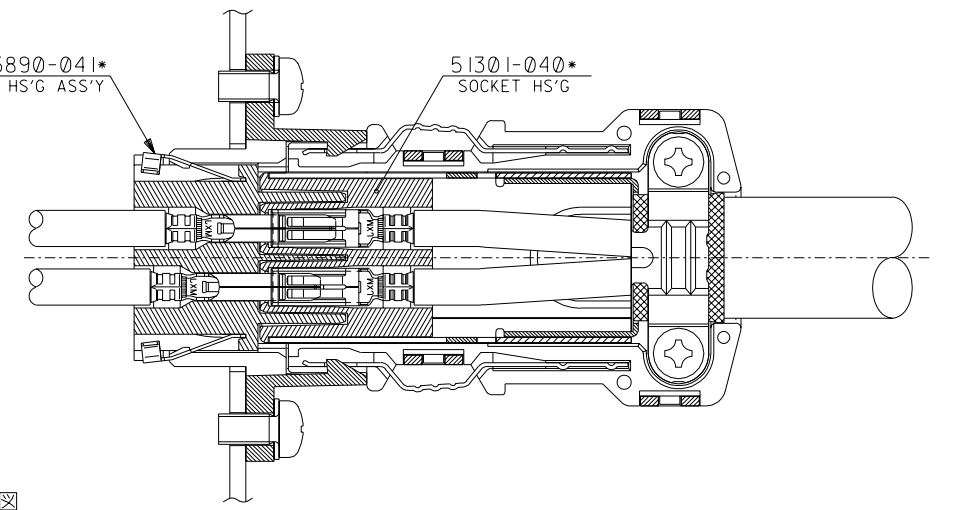
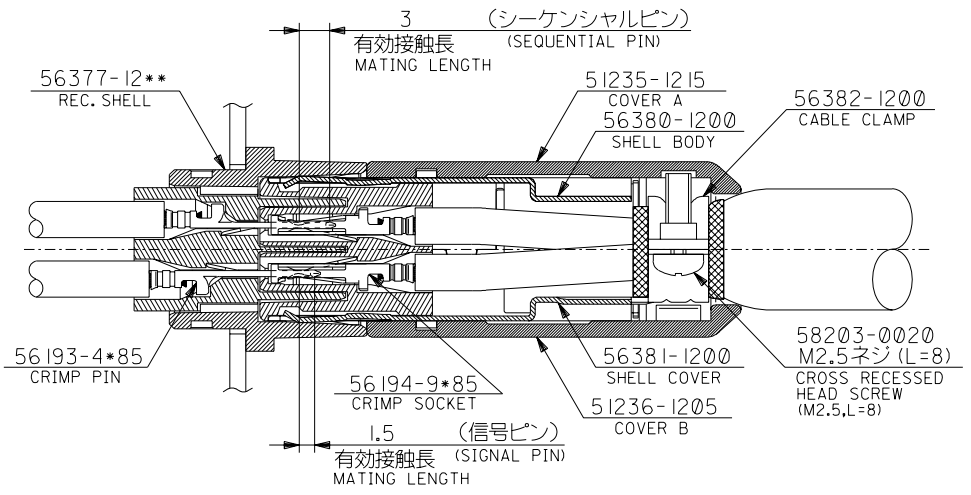
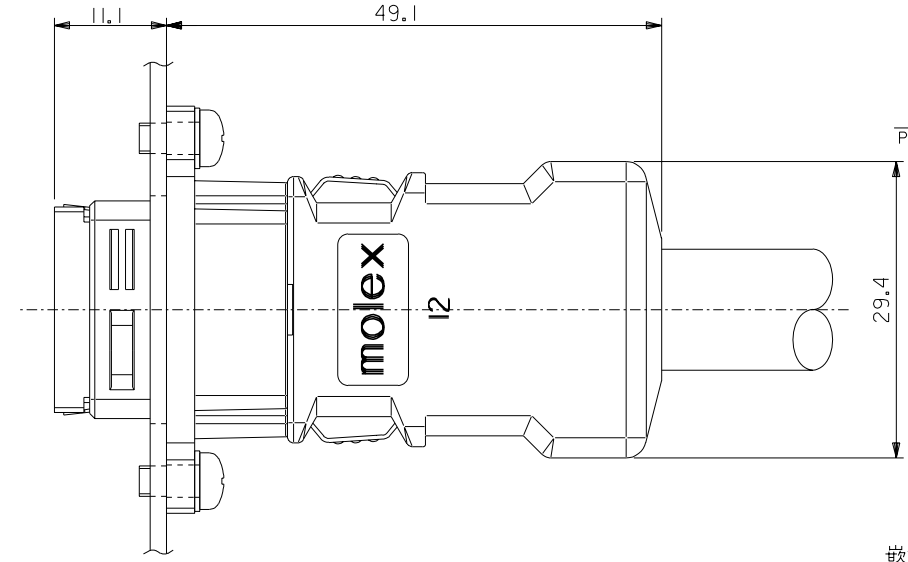
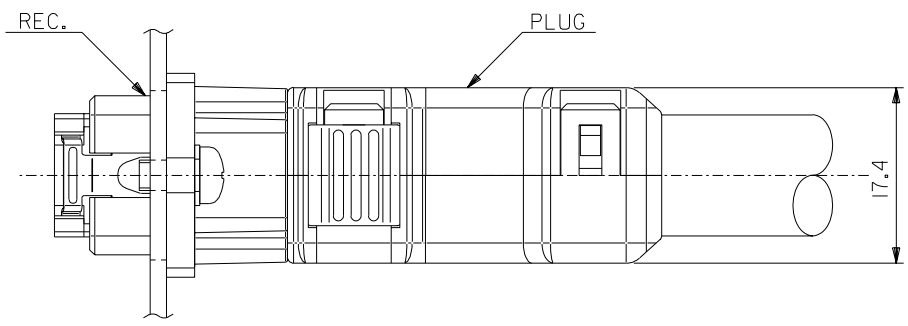
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DO NOT SCALE DRAWING



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			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			☐ mm INCH ☐ mm INCH ☒ mm ONLY			THIRD ANGLE PROJECTION			☐ mm INCH ☐ mm INCH ☒ mm ONLY			SHT REVISE ON CAD ONLY		
															FINISH 仕上付						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. 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 55890003.S02			MATERIAL NO. SEE CHART			DRAWING NO. SD-55890-003			SHEET NO. 2 OF 4					
															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								

DWG. NO.
SD-55890-003

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DO NOT SCALE DRAWING

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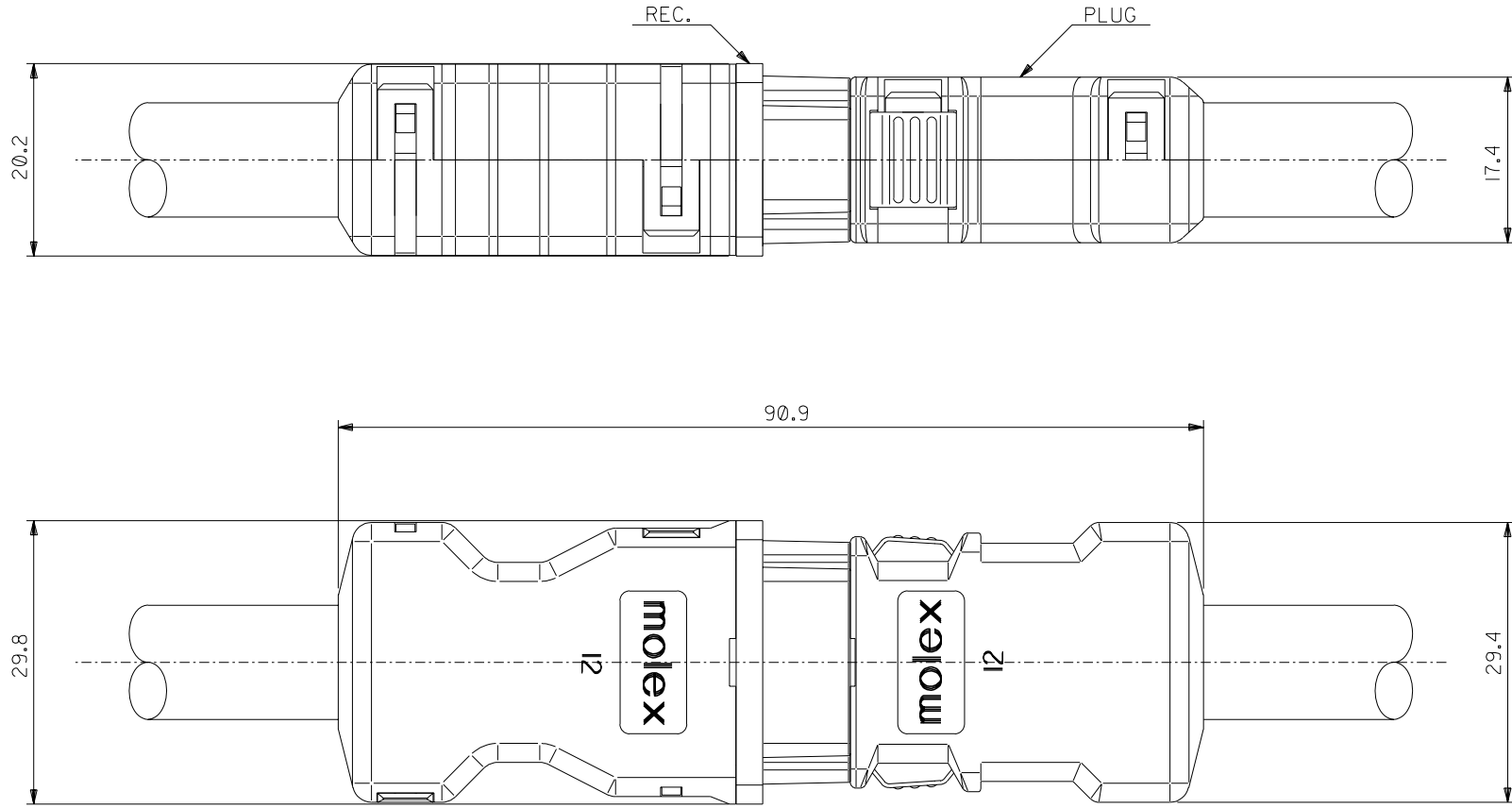
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嵌合図 (中継タイプ)
CROSS-SECTION VIEW OF MATED CONNECTOR
(WIRE TO WIRE TYPE)

										(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			REVISED '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	
												FINISH 仕上け		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			
									A			0			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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DWG. NO.
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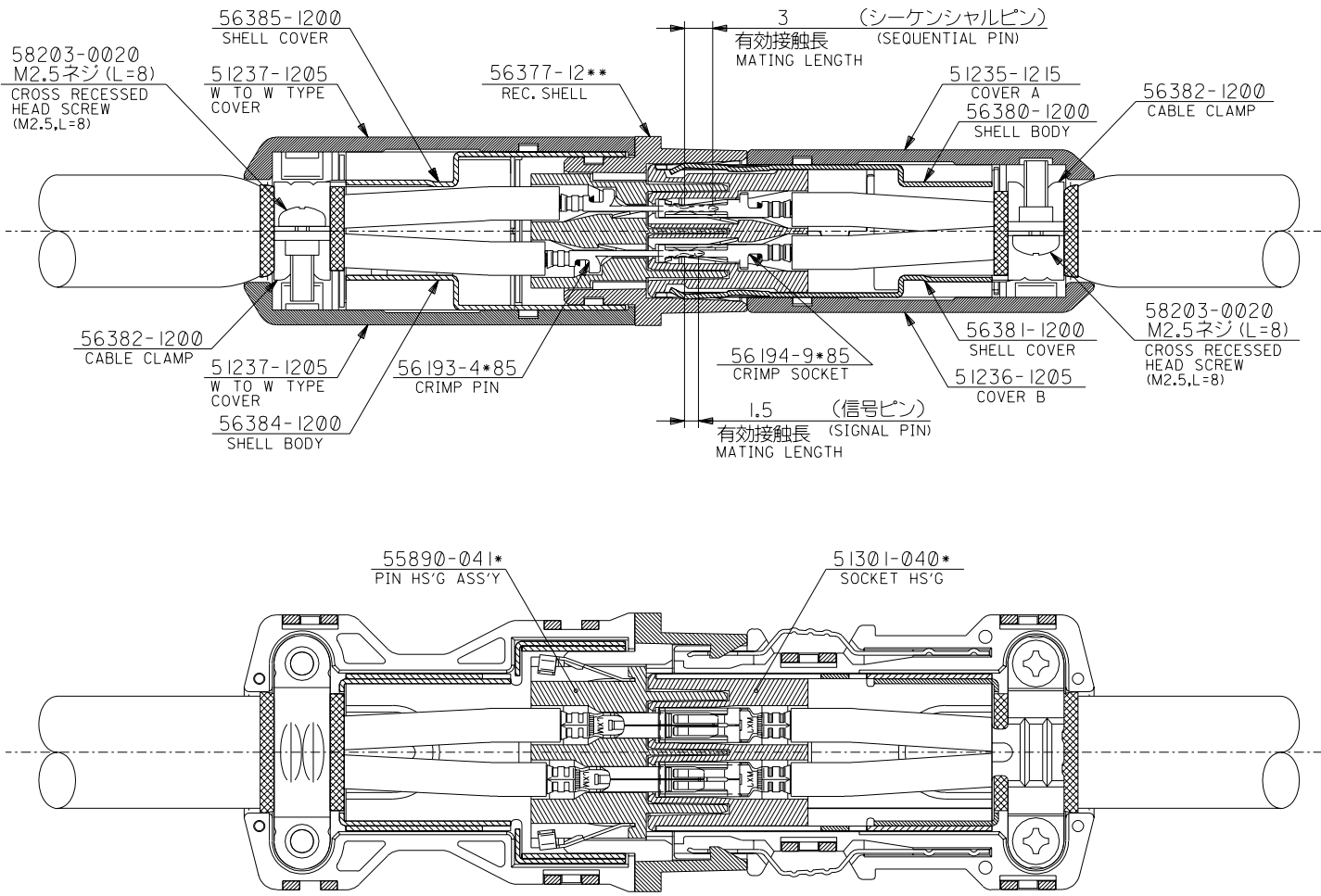
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DO NOT SCALE DRAWING



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

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



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.);

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- 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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