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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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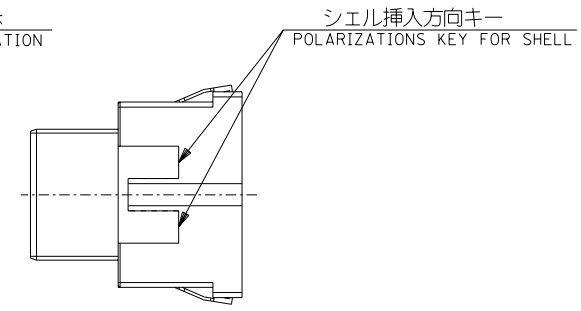
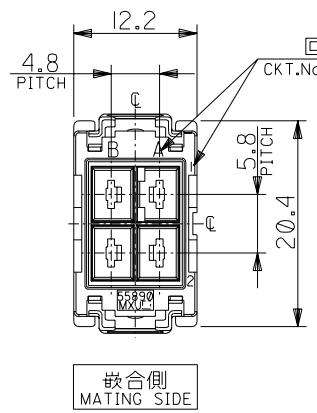
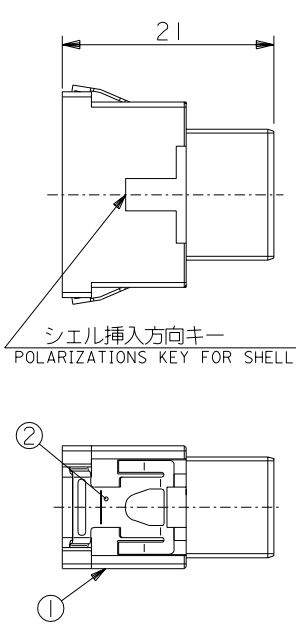
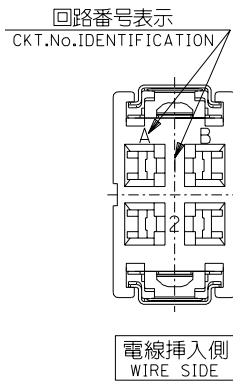
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DO NOT SCALE DRAWING

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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 ☐ INCH mm ☒ 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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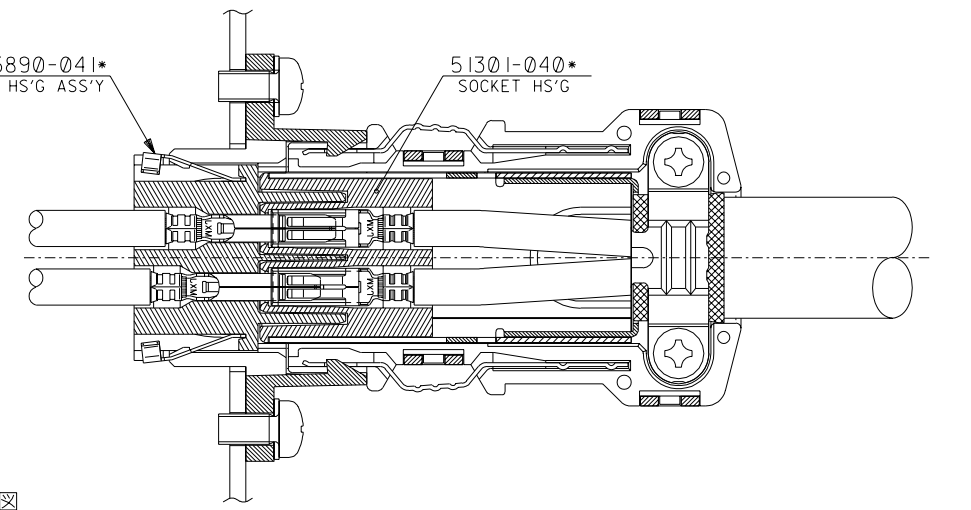
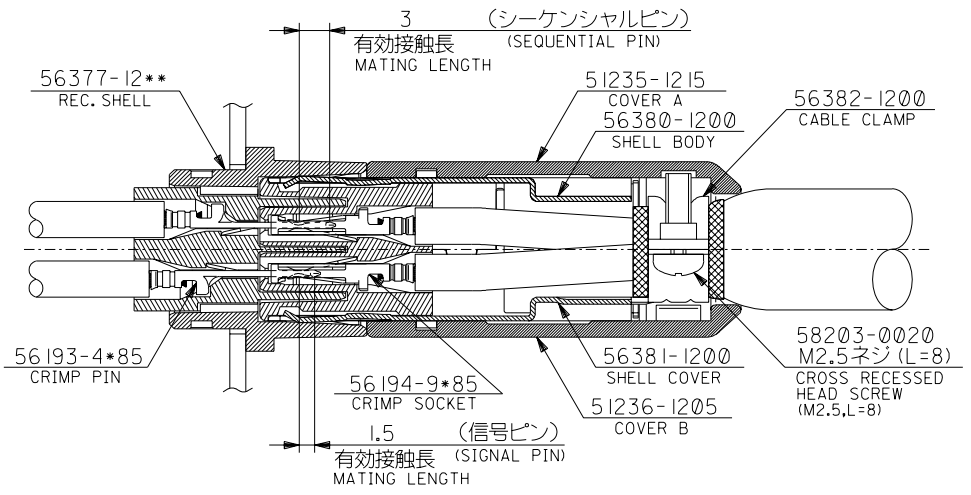
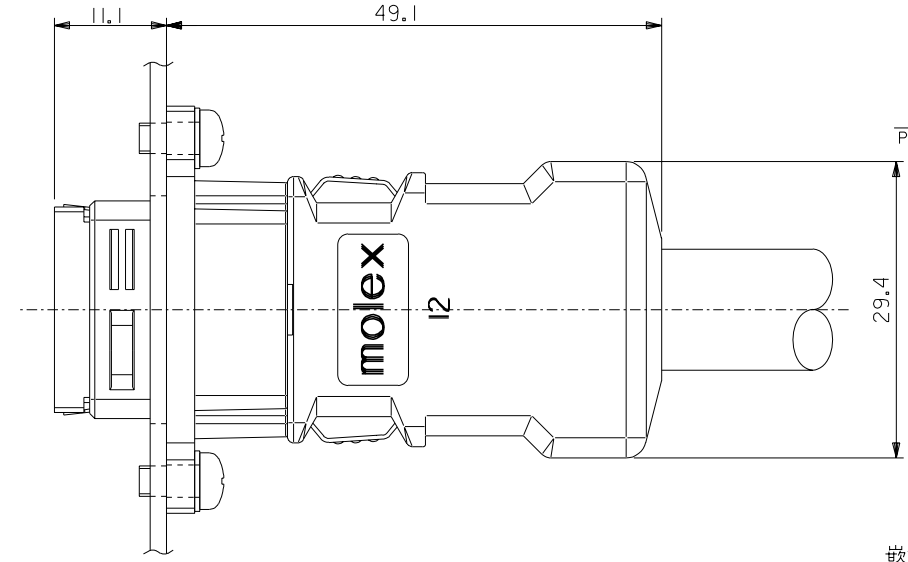
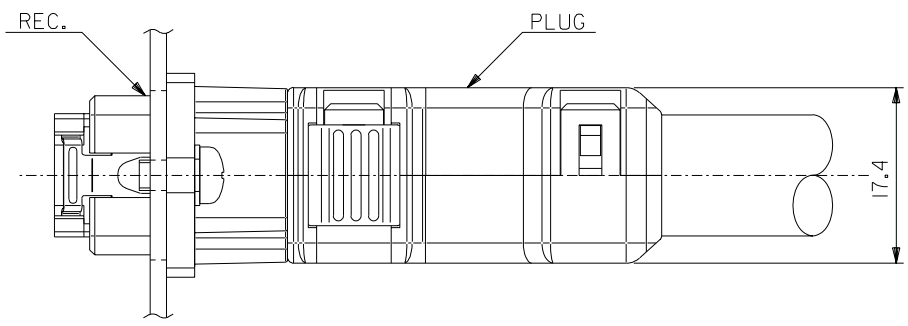
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DO NOT SCALE DRAWING



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		 THIRD ANGLE PROJECTION		☐ mm INCH ☐ mm INCH ☒ mm ONLY		SHEET NO. REV	
						A		0		REV		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					
												WIRE RANGE 適用電線範囲		10 OVER 30 UNDER 以上 未満		±0.25		CHECKED BY & DATE J. Marawa							
												INS. RANGE 被覆外径		30 OVER 以上		±0.3		APPROVED BY & DATE Y. Ota		 MOLEX INCORPORATED					
														ANGLE 角度		±3°		CAD FILENAME 55890003.S02		MATERIAL NO. SEE CHART		DRAWING NO. SD-55890-003		SHEET NO. 2 OF 4	
														THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										SIZE B	

55890003.S02

DWG. NO.
SD-55890-003

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DO NOT SCALE DRAWING

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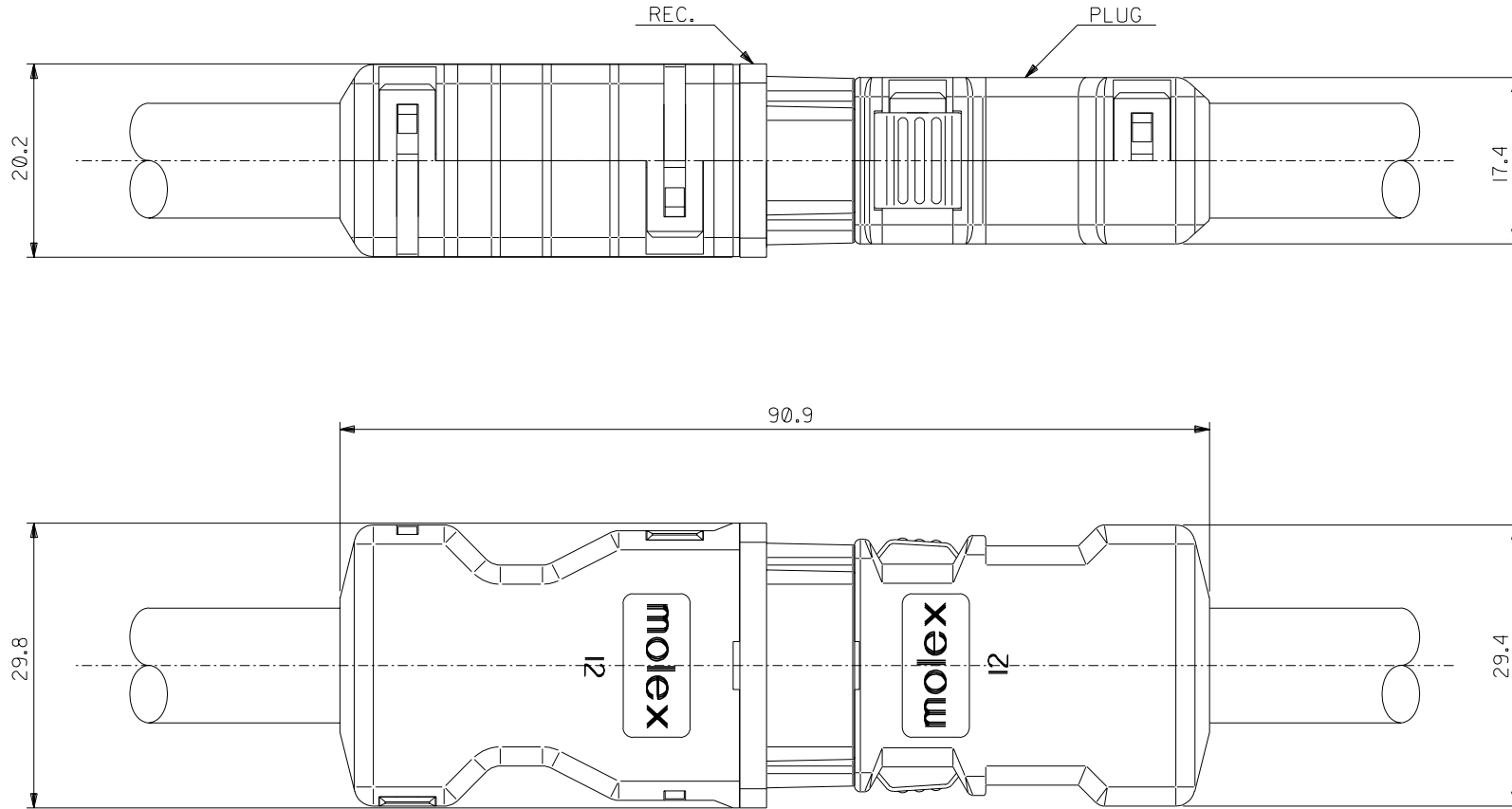
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嵌合図 (中継タイプ)
CROSS-SECTION VIEW OF MATED CONNECTOR
(WIRE TO WIRE TYPE)

(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	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 30 UNDER 以上 未満		±0.25	CHECKED BY & DATE J. Morawetz										
						30 OVER 以上		±0.3	APPROVED BY & DATE Y. Ota		MOLEX INCORPORATED								
			A	Ø	REV	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		SIZE B				
														THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					

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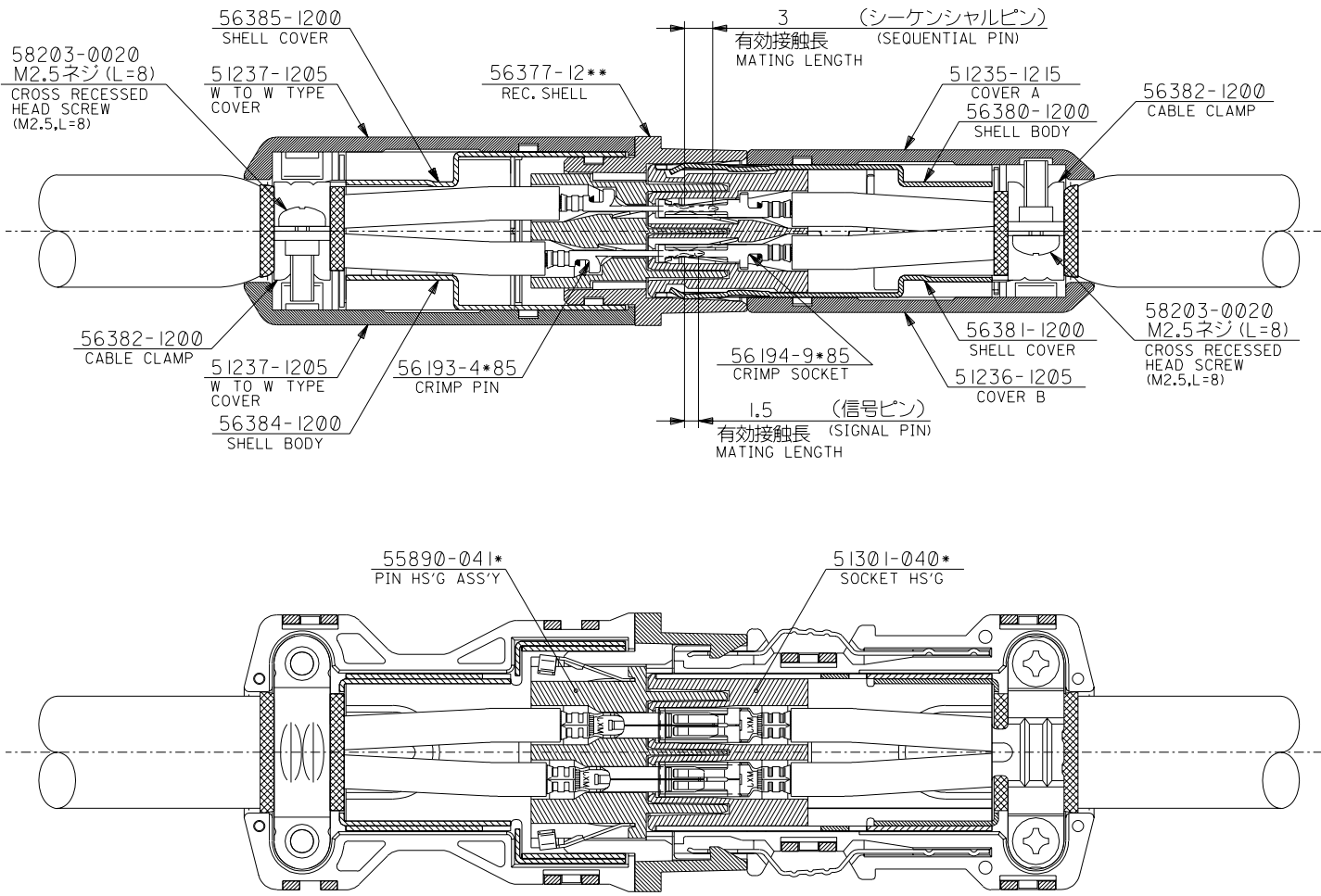
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DO NOT SCALE DRAWING



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

EC NO. DRWN: 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: Y.O.ITO			RELEASED '01/10/12 EC NO. J2002-0854 DRWN: S.AKIYAMA CH'K: J.MIYAZAWA APPR: Y.O.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		DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY		SHT REV			
									A			Ø			REV			FINISH 仕上げ —			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									
															WIRE RANGE 適用電線範囲 —			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.O.		MOLEX INCORPORATED												
																		ANGLE 角度 ±3°			CAD FILENAME 55890003.S04		MATERIAL NO. SEE CHART		DRAWING NO. SD-55890-003		SHEET NO. 4 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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55890003.S04



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Электрон
Связь**

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