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Part Number: **0512332012**
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 20 Circuits, Polarization Type A, Polarization Position B-2

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)	20
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	5
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	3.5A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC



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

51233Series

Mates With

51239-200X plug housing|54332-200X plug assembly set

Use With

56116, 56117, 56118 and 56119 male terminal|56377-200* receptacle shell

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

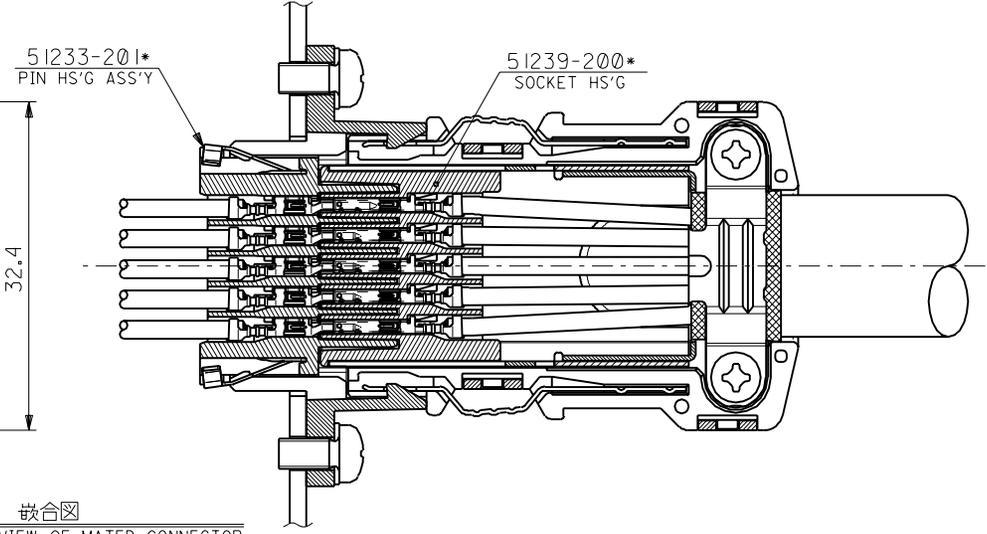
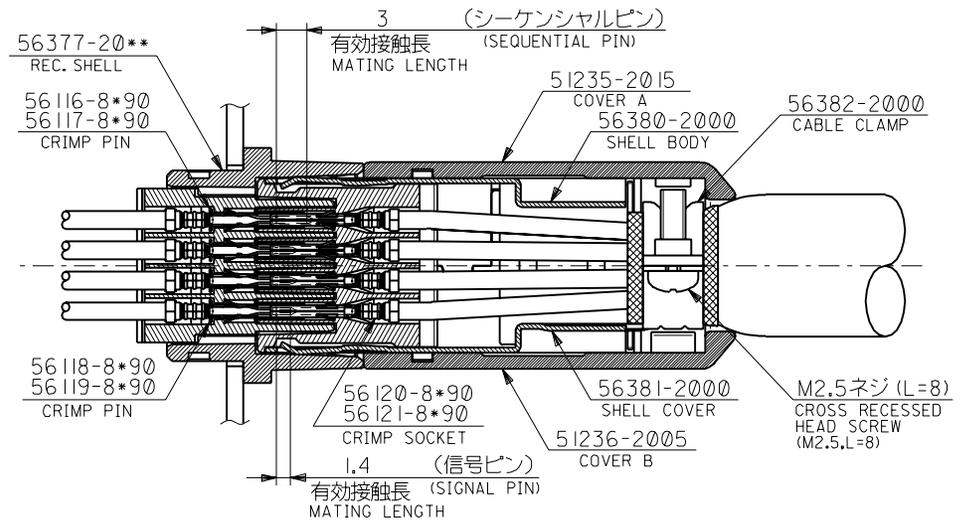
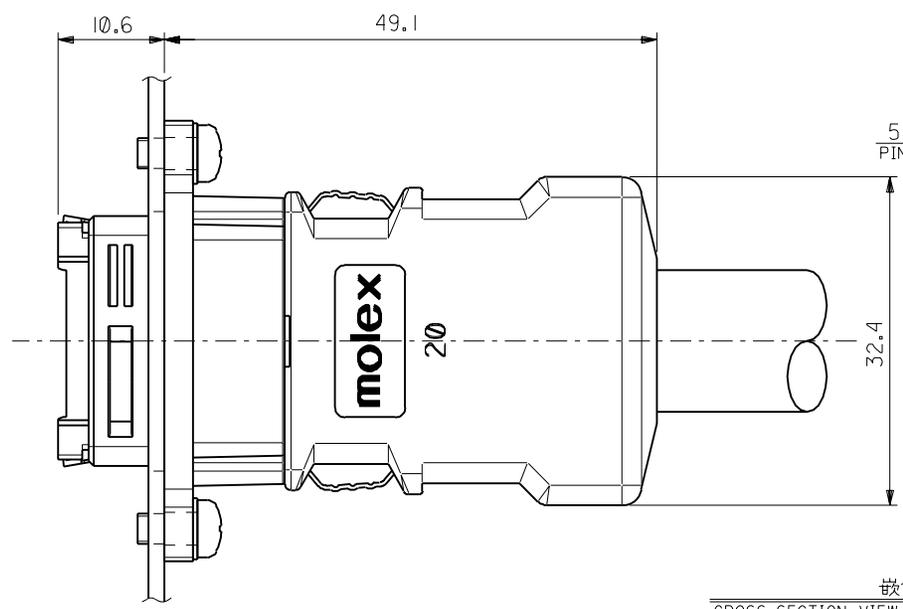
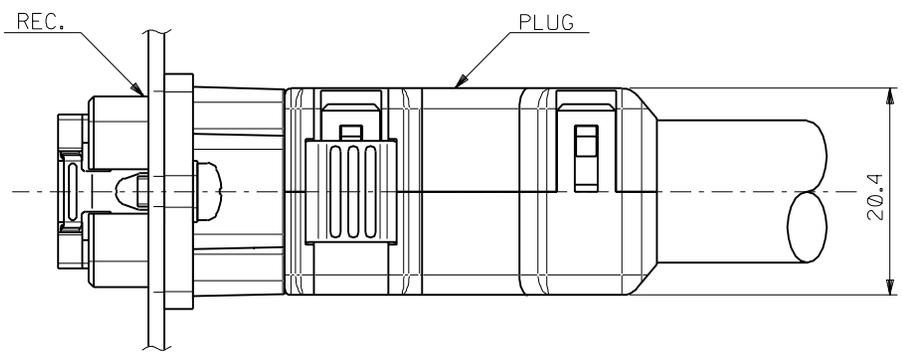
PS-51238-010, PS-51238-018, RPS-51238-001

SD-51233-008

This document was generated on 04/12/2010

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DWG. NO. SD-51233-008

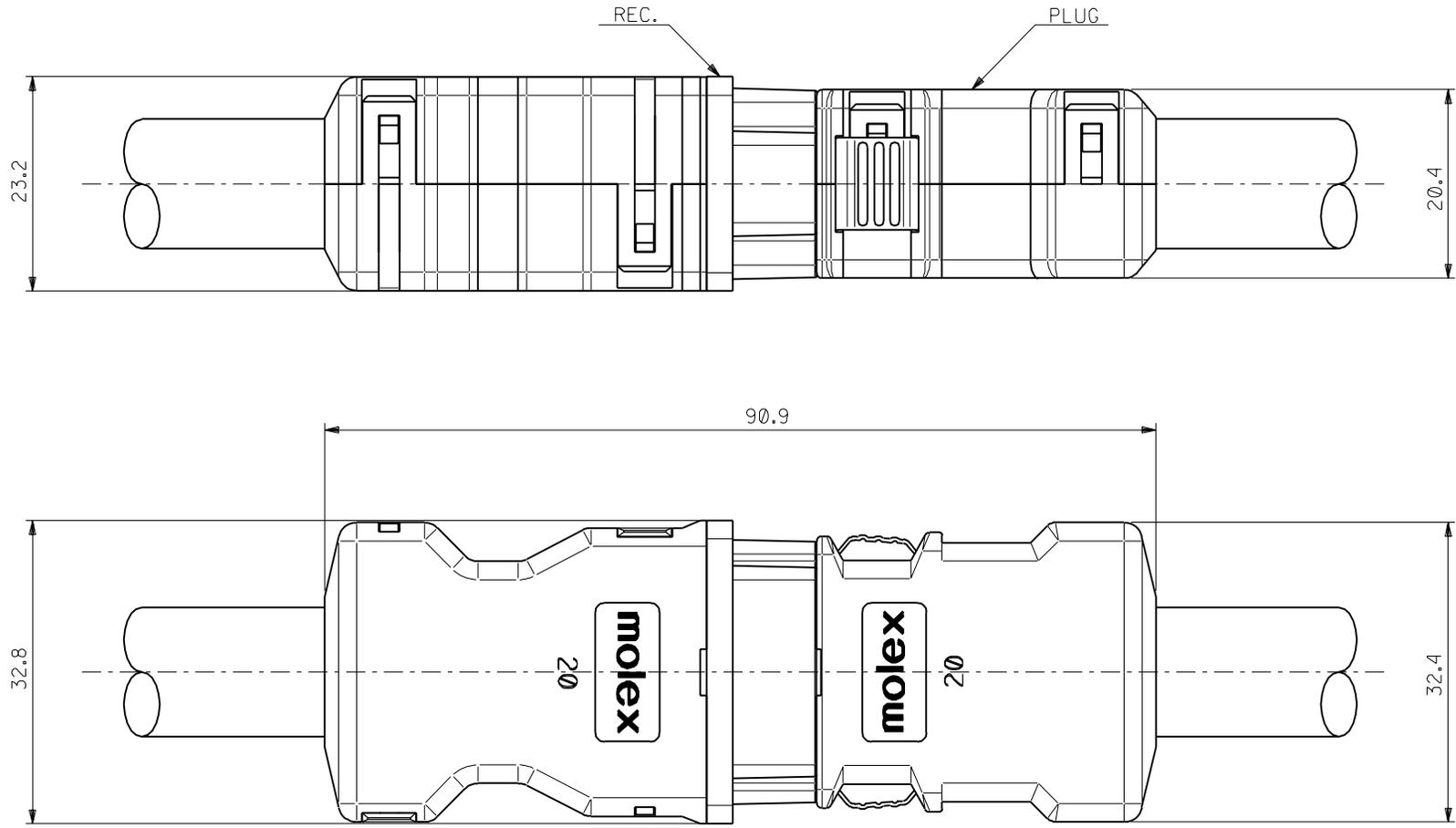


嵌合図
CROSS-SECTION VIEW OF MATED CONNECTOR

DO NOT SCALE DRAWING

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	REVISED 01/10/04	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE 2-1	DESIGN UNITS mm □ mm □ INCH	THIRD ANGLE PROJECTION	DIMENSIONS: mm □ mm □ INCH □ mm ONLY	SHT REVISE ON CAD ONLY	REV
			EC NO. J2002-0786 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: YO.ITO								
A	0	0	RELEASED 01/02/16	FINISH 仕上げ	10 OVER 30 UNDER 未満	±0.25	CHECKED BY & DATE <i>J. Mizuno</i> / 3.06	APPROVED BY & DATE <i>Yo. Ito</i>	MATERIAL NO. SEE CHART	DRAWING NO. SD-51233-008	SHEET NO. 2 OF 4
			EC NO. JD2001-1040 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: H.IKESUGI								
				INS. RANGE 被覆外径	30 OVER 以上	±0.3	CAD FILE NAME 51233008.S02				
					ANGLE 角度	±3°					

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



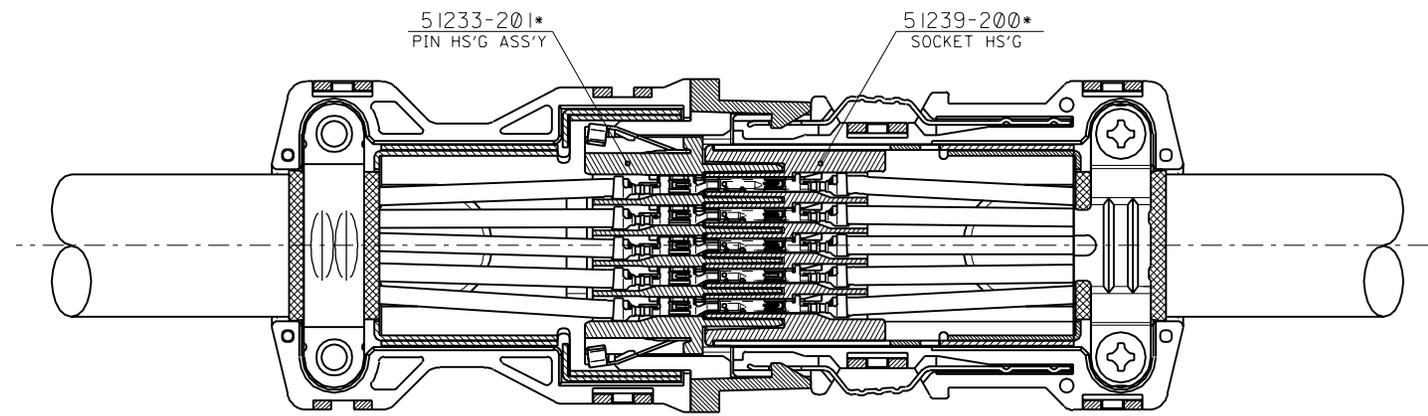
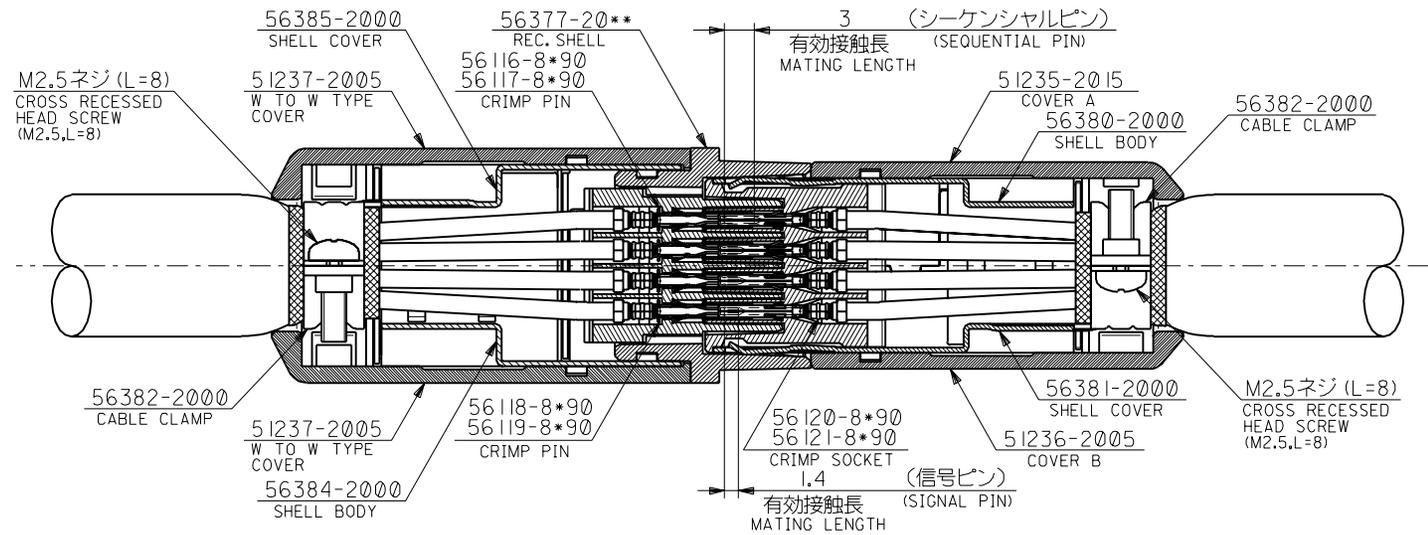
嵌合図 (中継タイプ)
CROSS-SECTION VIEW OF MATED CONNECTOR
(WIRE TO WIRE TYPE)

DO NOT SCALE DRAWING

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	REVISED 01/10/04	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE 2-1	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY	SHT	REV
			EC NO. J2002-0786								
A	0	A	DRWN: S.AKIYAMA	#	#	10 OVER 30 UNDER 以上 未満	±0.25	CHECKED BY & DATE <i>J. Nagawa / Y. Ota</i>	COMPACT ROBOT CONN. (CRC) REC. PIN HS'G ASS'Y		
			DRWN: J.MIYAZAWA						WIRE RANGE 適用電線範囲	30 OVER 以上	±0.3
			APPR: YO.ITO	INS. RANGE 被覆外径	#	ANGLE 角度	±3°	CAD FILENAME 51233008.S03	MATERIAL NO. SEE CHART	DRAWING NO. SD-51233-008	SHEET NO. 3 OF 4

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DWG. NO.
SD-51233-008



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 01/10/04	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	DIMENSIONS:		SHT	REV	
			EC NO. J2002-0786 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: YO.IITO			10 UNDER 未満	2-1		<input type="checkbox"/> mm <input type="checkbox"/> INCH	<input type="checkbox"/> mm <input type="checkbox"/> mm	<input checked="" type="checkbox"/> mm ONLY	2	REVISION ON CAD ONLY
A	0	0	RELEASED 01/02/16	DESCRIPTION	FINISH 仕上げ	10 OVER 以上	30 UNDER 未満	TITLE:	COMPACT ROBOT CONN. (CRC) REC. PIN HS'G ASS'Y				
			EC NO. JD2001-1040 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: H.IKESUGI			30 OVER 以上	±0.25						APPROVED BY & DATE <i>J. Miyazawa / 20.06</i>
REV	INS. RANGE 被覆外径	—	—	—	—	ANGLE 角度	±3°	MATERIAL NO.	DRAWING NO.	SHEET NO.	4 OF 4		
								MATERIAL NO. SEE CHART		DRAWING NO. SD-51233-008		SHEET NO. 4 OF 4	
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<http://moschip.ru/get-element>

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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