

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0563772002](#)  
**Status:** **Active**  
**Description:** CRC™ Shielded Rectangular I/O Receptacle Shell, Wire-to-Wire, for 20-Circuit Housing

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-51238-018 \(PDF\)](#)  
[Product Specification PS-51238-010 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">56377</a>
Application	Wire-to-Wire
Component Type	Receptacle Shell
Product Name	CRC™
Type	N/A

**Physical**

Boot Color	N/A
Circuits (Loaded)	N/A
Circuits (maximum)	20
Durability (mating cycles max)	100
Gender	Receptacle
Lock to Mating Part	Yes
Material - Plating Mating	n/a
Orientation	Vertical
Packaging Type	Tray
Panel Mount	N/A
Pitch - Mating Interface (in)	0.000 In
Pitch - Mating Interface (mm)	0.00 mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
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	3.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51238-010, PS-51238-018, RPS-51238-001
Sales Drawing	SD-56377-011



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free**  
**Status**  
 Not Reviewed

**China RoHS**



**Need more information on product environmental compliance?**

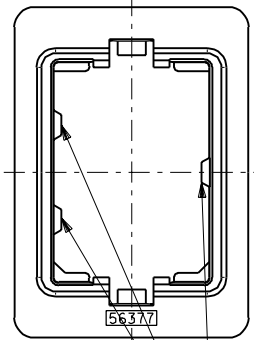
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

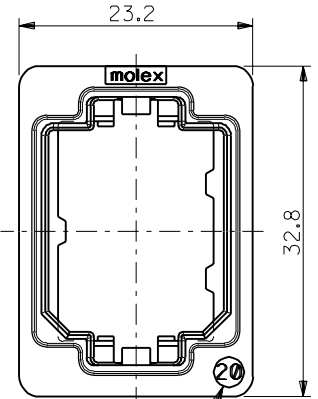
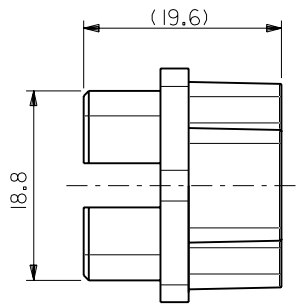
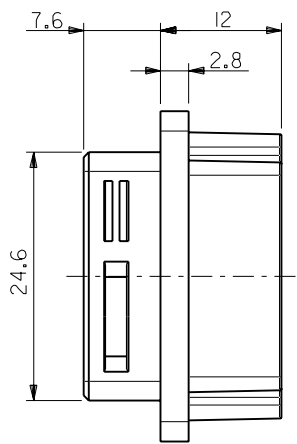
**Search Parts in this Series**  
[56377Series](#)

**Use With**  
 51233, 51238, 51300 and 55890 receptacle housing|51234, 51239, 51301 and 55891 plug housing

DWG. NO. SD-56377-011



ハウジング挿入方向キー  
POLARIZATIONS KEY FOR HOUSING



SIZE IDENTIFICATION

注記  
NOTES

- 材質  
MATERIAL  
亜鉛合金、ニッケルメッキ  
ZINC ALLOY, NI PLATING
- 適用ハウジングアッセンブリ: 51233-201\* (PIN HS'G ASS'Y)  
51238-201\* (SOCKET HS'G ASS'Y)  
APPLICABLE HOUSING ASS'Y: 51233-201\* (PIN HS'G ASS'Y)  
51238-201\* (SOCKET HS'G ASS'Y)

DO NOT SCALE DRAWING

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	REVISED 01/10/17 EC NO. J2002-0932 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: YO.IITO	RELEASED 01/02/16 EC NO. JD2001-1040 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: H.IKESUGI	DESCRIPTION MATERIAL 材料 FINISH 仕上げ WIRE RANGE 適用線径範囲 INS. RANGE 被覆外径
			A	0	注記参照 SEE NOTES #

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE 2-1	DESIGN UNITS mm INCH	THIRD ANGLE PROJECTION
10 UNDER 未満 30 UNDER 未満	±0.2	mm INCH	mm ONLY
10 OVER 以上 30 OVER 以上	±0.25 ±0.3	mm ONLY	mm ONLY
ANGLE 角度	±3°		

DRAWN BY & DATE <i>S. Akiyama</i> / 01/25	TITLE: COMPACT ROBOT CONN. (CRC) RECEPTACLE SHELL
CHECKED BY & DATE <i>J. Miyazawa / Y. Ito</i>	MATERIAL NO. SEE CHART DRAWING NO. SD-56377-011 SHEET NO. 1 OF 1
APPROVED BY & DATE <i>Yo. Ito</i>	
CAD FILE NAME 56377011.S01	

56377-2002	56377-****
MATERIAL.NO	MODEL.NO
DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	
SHT	REV
REVISE ON CAD ONLY	

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