

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

**Part Number:** [0558910404](#)  
**Status:** **Active**  
**Description:** CRC™ Shielded Rectangular I/O Plug Pin Housing, For Plug Assembly, Male Terminal, Power, 4 Circuits, Polarization Type D, Sequence Position B-2

**Documents:**

[3D Model](#) [Product Specification PS-51300-005 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51300-004 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family I/O Connectors  
 Series [55891](#)  
 Application Wire-to-Wire  
 Component Type Housing  
 Product Name CRC™  
 Type N/A

**Physical**

Breakaway No  
 Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Black  
 Flammability 94V-0  
 Gender Male  
 Keying to Mating Part Yes  
 Lock to Mating Part Yes  
 Material - Plating Mating n/a  
 Material - Resin Polyester  
 Number of Rows 2  
 Orientation Vertical  
 Packaging Type Tray  
 Panel Mount No  
 Pitch - Mating Interface (in) 0.189 In, 0.228 In  
 Pitch - Mating Interface (mm) 4.80 mm, 5.80 mm  
 Polarized to Mating Part Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style N/A

**Electrical**

Current - Maximum per Contact 15A  
 Voltage - Maximum 250V

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-51300-004, PS-51300-005  
 Sales Drawing SD-55891-002



**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](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**

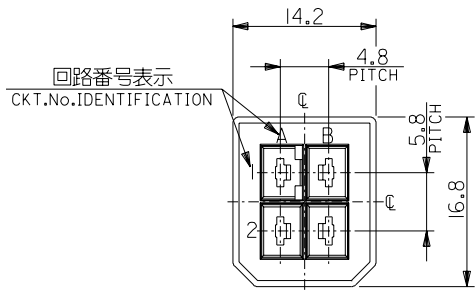
[55891Series](#)

**Mates With**

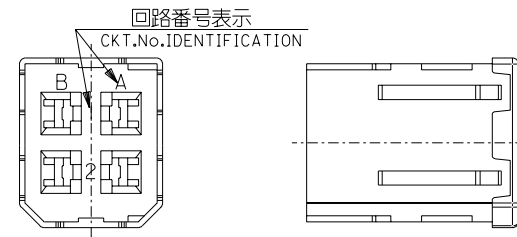
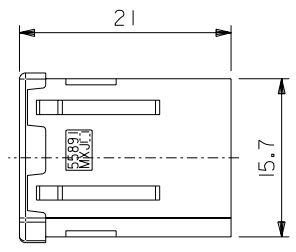
[51300](#)

**Use With**

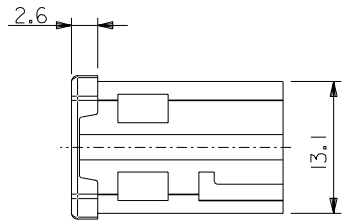
[56380-1200](#) shell body, [56381-1200](#) shell cover, [56193](#) male terminal



嵌合側  
MATING SIDE



電線挿入側  
WIRE SIDE



注記  
NOTES

1. 材質  
MATERIAL  
ガラス入りPBT樹脂 UL94V-0 色:黒  
HOUSING : PBT G.F. UL94V-0 COLOR : BLACK
2. 適用端子 : 56193-4\*85  
APPLECABLE CRIMP PIN : 56193-4\*85
3. 適用シェルボディ : 56380-1200  
APPLECABLE SHELL BODY : 56380-1200
4. 適用シェルカバー : 56381-1200  
APPLECABLE SHELL COVER : 56381-1200
5. 嵌合相手 : 51300-041\*  
MEET WITH : 51300-041\*

<誤嵌合防止キー(極性)タイプ>  
<POLARITY KEY TYPE>

|                         |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|
| 55891-0401              | 55891-0402              | 55891-0403              | 55891-0404              |
|                         |                         |                         |                         |
| A TYPE<br>(CKT No. A-1) | B TYPE<br>(CKT No. A-2) | C TYPE<br>(CKT No. B-1) | D TYPE<br>(CKT No. B-2) |

|                                    |                  |              |            |         |
|------------------------------------|------------------|--------------|------------|---------|
| B-2                                | D                | 55891-0404   | 55891-040* | 4       |
| B-1                                | C                | 55891-0403   |            |         |
| A-2                                | B                | 55891-0402   |            |         |
| A-1                                | A                | 55891-0401   |            |         |
| SEQUENCE POSITION<br>(CIRCUIT No.) | POLARITY<br>TYPE | MATERIAL No. | MODEL No.  | CIRCUIT |

DO NOT SCALE DRAWING

|  |                                  |                                  |   |   |  |                        |   |           |  |  |   |        |                           |
|--|----------------------------------|----------------------------------|---|---|--|------------------------|---|-----------|--|--|---|--------|---------------------------|
| EC NO.<br>DRWN:<br>CHK:<br>APPR:   | EC NO.<br>DRWN:<br>CHK:<br>APPR: | EC NO.<br>DRWN:<br>CHK:<br>APPR: | REVISED 02/04/15<br>EC NO. J2002-2601<br>DRWN: S.AKIYAMA<br>CHK: J.MIYAZAWA<br>APPR: YO.ITO | REVISED 01/10/12<br>EC NO. J2002-0854<br>DRWN: S.AKIYAMA<br>CHK: J.MIYAZAWA<br>APPR: YO.ITO | DESCRIPTION<br>MATERIAL 材料<br>FINISH 仕上げ<br>WIRE RANGE 適用電線範囲<br>INS. RANGE 被覆外径 | 注記参照<br>SEE NOTES<br># | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED)<br>一般公差 | SCALE 2-1 | DESIGN UNITS<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH | THIRD ANGLE PROJECTION                               | DIMENSIONS:<br><input type="checkbox"/> mm <input type="checkbox"/> INCH<br><input checked="" type="checkbox"/> mm ONLY | SHT 4  | REV<br>REVISE ON CAD ONLY |
|  |                                  |                                  | A   | 0   |  |                        | 10 UNDER 未満 ±0.2                                  |           |  |  |   |        |                           |
|  |                                  |                                  |   |   |  |                        | 10 OVER 30 UNDER 未満 ±0.25                         |           |  |  |   |        |                           |
|  |                                  |                                  |   |   |  |                        | 30 OVER 以上 ±0.3                                   |           |  |  |   |        |                           |
|  |                                  |                                  |   |   |  |                        | ANGLE 角度 ±3°                                      |           |  |  |   |        |                           |
| DRAWN BY & DATE<br>S. Akiyama 01/10/11   |                                  |                                  |   |   |  |                        |   |           |  | TITLE:<br>COMPACT ROBOT CONN.<br>POWER PLUG PIN HS'G |   |        |                           |
| CHECKED BY & DATE<br>J. Miyazawa   |                                  |                                  |   |   |  |                        |   |           |  | MATERIAL NO. SEE CHART                               |   |        |                           |
| APPROVED BY & DATE<br>Y. Ito   |                                  |                                  |   |   |  |                        |   |           |  | DRAWING NO. SD-55891-002                             |   |        |                           |
| CAD FILENAME<br>55891002.S01   |                                  |                                  |   |   |  |                        |   |           |  | SHEET NO. 1 OF 1                                     |   |        |                           |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |                                  |                                  |   |   |  |                        |   |           |  |  |   | SIZE B |                           |