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**Part Number:** 0512392003

**Status:** Active

**Description:** CRC™ Shielded Rectangular I/O Plug Housing, For Plug Assembly, Female Terminal, Signal, 20 Circuits, Polarization Type B, Polarization Position B-3



*Series image - Reference only*

**Documents:**

Drawing (PDF)
Product Specification PS-51238-010 (PDF)
Product Specification PS-51238-018 (PDF)
RoHS Certificate of Compliance (PDF)

## Agency Certification

| | |
|---|---|
| CSA | LR19980 |
| TUV | R72081037 |
| UL | E29179 |

## General

| | |
|---|---|
| Product Family | I/O Connectors |
| Series | 51239 |
| Application | N/A |
| Component Type | Housing |
| Product Name | CRC™ |
| Type | N/A |

## Physical

| | |
|---|---|
| Boot Color | N/A |
| Breakaway | No |
| Circuits (Loaded) | N/A |
| Circuits (maximum) | 20 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Plug |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Plating Mating | n/a |
| Material - Resin | Polyester |
| Number of Rows | 5 |
| Orientation | Vertical |
| PCB Locator | No |
| Packaging Type | Tray |
| Panel Mount | N/A |
| 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 | N/A |
| Shielded | No |
| Voltage - Maximum | 250V AC (RMS)/DC |

## Material Info

**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**
51239Series

**Mates With**
51233

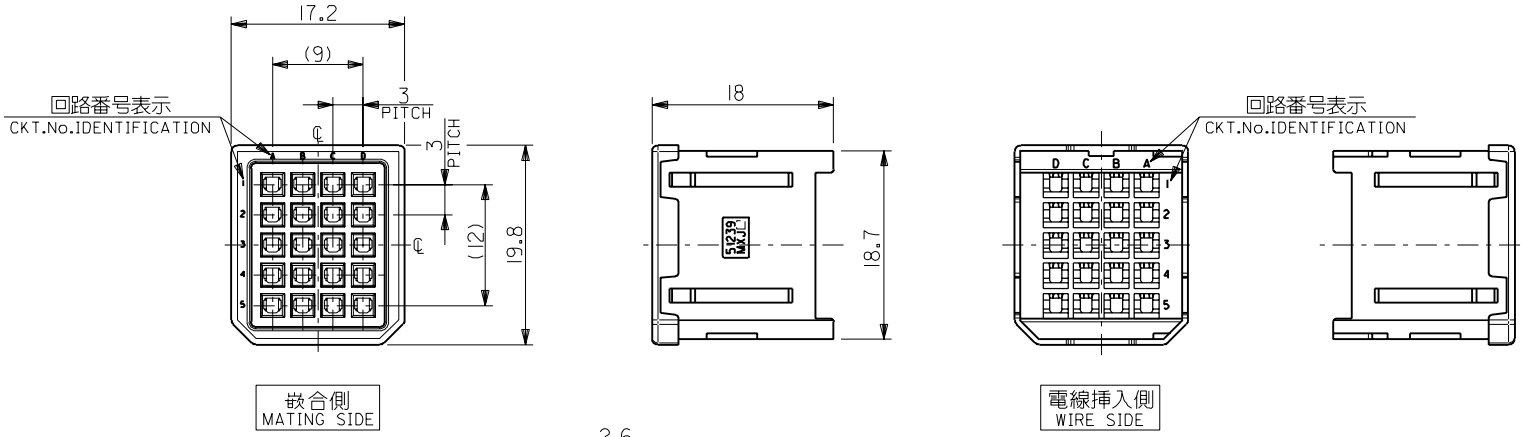
**Use With**
56380 plug shell body, 56120 and 56121 female terminal, 56381 plug shell cover

## Reference - Drawing Numbers

| | |
|---|---|
| Product Specification | PS-51238-010, PS-51238-018, RPS-51238-001 |
| Sales Drawing | SD-51239-005 |

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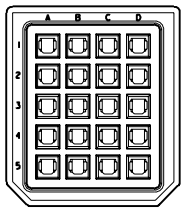
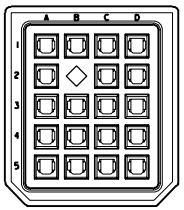
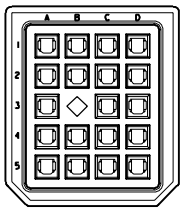
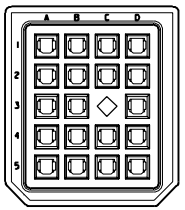
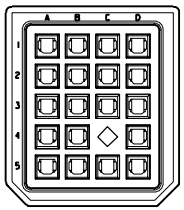
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**




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：56120-8*90 , 56121-8*90
   APPLECABLE CRIMP PIN : 56120-8*90 , 56121-8*90
3. 適用シエルボディ：56380-2000
   APPLECABLE SHELL BODY : 56380-2000
4. 適用シエルカバー：56381-2000
   APPLECABLE SHELL COVER : 56381-2000
5. 嵌合相手：51233-201*
   MEET WITH : 51233-201*

<誤嵌合防止キー（極性）タイプ> <POLARITY KEY TYPE>

| 51234-2001 | 51234-2002 | 51234-2003 | 51239-2004 | 51239-2005 |
|---|---|---|---|---|
|  |  |  |  |  |
| STANDARD TYPE | A TYPE | B TYPE | C TYPE | D TYPE |

| POLARITY POSITION (CIRCUIT No.) | POLARITY TYPE | MATERIAL No. | MODEL No. | CIRCUIT |
|---|---|---|---|---|
| C-4 | D | 51239-2005 | 51239-**0* | 20 |
| C-3 | C | 51239-2004 | | |
| B-3 | B | 51239-2003 | | |
| B-2 | A | 51239-2002 | | |
| —#— | STANDARD | 51239-2001 | | |

DO NOT SCALE DRAWING

| | EC NO. | DRWN: | CH'K: | APPR: | DESCRIPTION | REV |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | REVISED '01/10/04 | A |
| | J2002-0786 | S.AKIYAMA | J.MIYAZAWA | YO.ITO | | |
| | | | | | RELEASED '01/02/09 | 0 |
| | JD2001-1040 | S.AKIYAMA | J.MIYAZAWA | H.IKESUGI | | |

MATERIAL 材料: 注記参照 SEE NOTES
FINISH 仕上げ: —#—
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 |
| 10 OVER 以上 30 UNDER 未満 | ±0.25 |
| 30 OVER 以上 | ±0.3 |
| ANGLE 角度 | ±3° |

SCALE 2-1 | DESIGN UNITS ☒mm ☐INCH | THIRD ANGLE PROJECTION | DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY | SHT | REV | REVISE ON CAD ONLY

DRAWN BY & DATE: S.Akiyama '01/01/25
CHECKED BY & DATE: J.Miyazawa / Y.Ito
APPROVED BY & DATE: H.Ikesugi

TITLE: COMPACT ROBOT CONN.(CRC) PLUG SOCKET HS'G

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CAD FILENAME: 51239005.S01
MATERIAL NO.: SEE CHART
DRAWING NO.: SD-51239-005
SHEET NO.: 1 OF 1
SIZE: B

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DWG. NO. SD-51239-005

51239005.S01

EN-02J(097) MXJ-54