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Part Number: [0512393005](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Plug Housing, For Plug Assembly, Female Terminal, Signal, 30 Circuits, Polarization Type D, Polarization Position B-3

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 [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) 30
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 6
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



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
[51239Series](#)

Mates With
[51233](#)

Use With
[56380](#) plug shell body, [56120](#) and [56121](#) female terminal, [56381](#) plug shell cover

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-51238-010, PS-51238-018, RPS-51238-001
SD-51239-006

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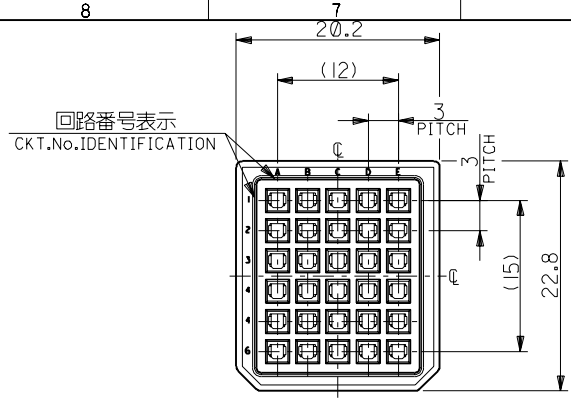
E

D

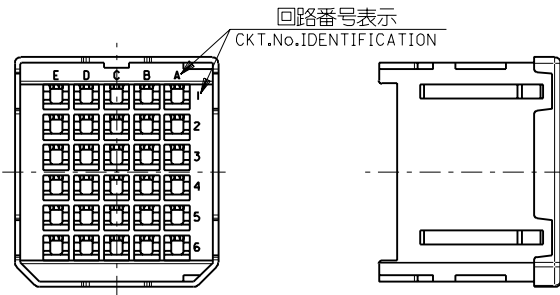
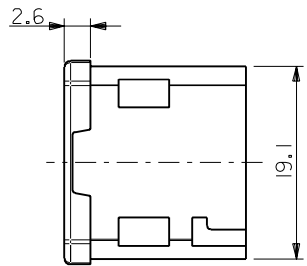
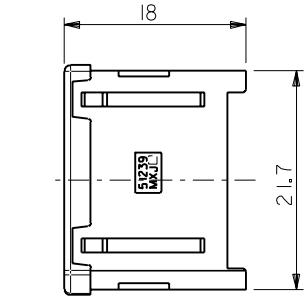
C

B

A



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 : 56120-8*90 , 56121-8*90
APPLICABLE CRIMP PIN : 56120-8*90 , 56121-8*90
3. 適用シエルボディ : 56380-3000
APPLICABLE SHELL BODY : 56380-3000
4. 適用シエルカバー : 56381-3000
APPLICABLE SHELL COVER : 56381-3000
5. 嵌合相手 : 51233-301*
MEET WITH : 51233-301*

<誤嵌合防止キー（極性）タイプ> <POLARITY KEY TYPE>

51239-3001	51239-3002	51239-3003	51239-3004	51239-3005
STANDARD TYPE	A TYPE	B TYPE	C TYPE	D TYPE

B-3	D	51239-3005	51239-**0*	30
D-4	C	51239-3004		
C-4	B	51239-3003		
C-3	A	51239-3002		
—#—	STANDARD	51239-3001		
POLARITY POSITION (CIRCUIT No.)	POLARITY TYPE	MATERIAL No.	MODEL No.	CIRCUIT

EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		EC NO. DRWN: CHK: APPR:		REVISED '01/10/04 EC NO. J2002-0786 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: YO.ITO		RELEASED '01/02/09 EC NO. JD2001-1040 DRWN: S.AKIYAMA CHK: J.MIYAZAWA APPR: 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		SCALE 2-1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ INCH ☒ mm ONLY	REVISE ON CAD ONLY												
											10 UNDER 未満	±0.2	DRAWN BY & DATE S. Akizawa '01/25			TITLE: COMPACT ROBOT CONN. (CRC) PLUG SOCKET HS'G													
											10 OVER 以上 30 UNDER 未満	±0.25	CHECKED BY & DATE J. Miyazawa / Y. Ito																
													30 OVER 以上	±0.3		APPROVED BY & DATE S. Akizawa		MOLEX INCORPORATED											
						A		Ø			ANGLE 角度		±3°	CAD FILE NAME 51239006.S01		MATERIAL NO. SEE CHART	DRAWING NO. SD-51239-006	SHEET NO. 1 OF 1	SIZE B										
																			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										

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