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Part Number: [0512395011](#)
Status: **Active**
Description: CRC™ Shielded Rectangular I/O Plug Housing, For Plug Assembly, Female Terminal, Signal, 50 Circuits, Polarization Type Standard

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-51238-017 \(PDF\)](#)
[Product Specification PS-51238-016 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
TUV R72081037

General

Product Family I/O Connectors
Series [51239](#)
Application Wire-to-Wire
Component Type Housing
Product Name CRC™
Type N/A

Physical

Boot Color N/A
Circuits (Loaded) N/A
Circuits (maximum) 50
Color - Resin Gray
Flammability 94V-0
Gender Plug
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating n/a
Material - Resin Polyester
Number of Rows 10
Orientation Vertical
PCB Locator No
Packaging Type Tray
Panel Mount No
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
Shield Type Full Shield
Shielded Yes
Voltage - Maximum 250V AC (RMS)/DC

Material Info



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
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
[51233-501*](#)

Use With
59587 and 59588 plug cover A and B|56120 and 56121 female terminal (low-insertion force type)

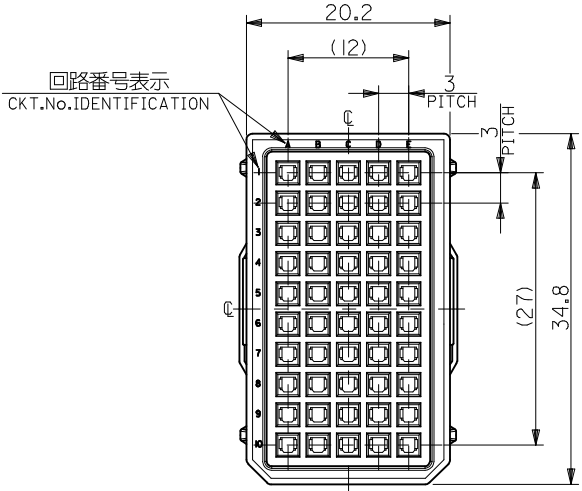
Reference - Drawing Numbers

Product Specification
Sales Drawing

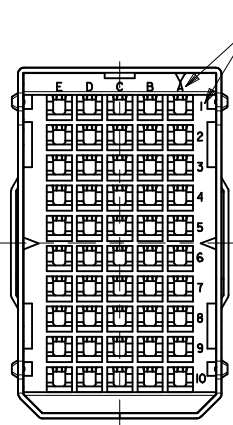
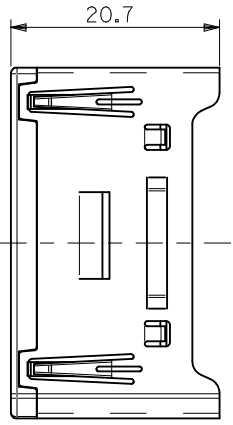
PS-51238-016, PS-51238-017
SD-51239-010

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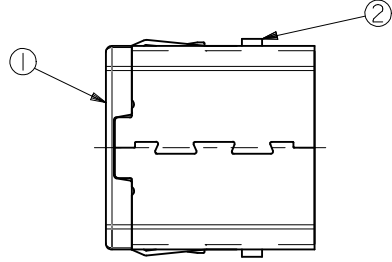
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嵌合側
MATING SIDE



電線挿入側
WIRE SIDE



注記
NOTES

- 材質
MATERIAL
①ハウジング：ガラス入りPBT樹脂
HOUSING：PBT G.F.
UL94V-0 色：灰
UL94V-0 COLOR：GRAY
- ②シェル：りん青銅 t0.5
SHELL：PHOSPHOR BRONZE t0.5
- 適用端子：56120-8*90，56121-8*90
APPLICABLE CRIMP SOCKET：56120-8*90，56121-8*90
- 嵌合相手：51233-501*
MEET WITH：51233-501*

<誤嵌合防止キー（極性）タイプ> <POLARITY KEY TYPE>

51239-5011	51239-5012	51239-5013	51239-5014	51239-5015
STANDARD TYPE	A TYPE	B TYPE	C TYPE	D TYPE

C-5	STANDARD	51239-5011	51239-***1*	50
POLARITY POSITION (CIRCUIT NO.)	POLARITY TYPE	MATERIAL NO.	MODEL NO.	CIRCUIT

REVISED EC NO: J2009-0953 DRWN: YOSHIDAM 2008/12/16 CHKD: THARUYAMA 2008/12/16 APPR: NUKITA 2008/12/16	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY S. AKIYAMA	DATE '02/01/21	TITLE COMPACT ROBOT CONN. 50CKT. PLUG SOCKET HS'G ASST		
	10 OVER 30 UNDER	±0.25	CHECKED BY J. MIYAZAWA	DATE '02/02/04	MOLEX INCORPORATED		
	30 OVER	±0.3	APPROVED BY Y. ITO	DATE '02/02/04	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-51239-010	SHEET NO. 1 OF 1
ANGULAR ±3°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				