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Part Number: 0512391205

Status: Active

Description: CRC™ Shielded Rectangular I/O Plug Housing, For Plug Assembly, Female Terminal, Signal, 12 Circuits, Polarization Type D, Polarization Position A-2



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)	12
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	4
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

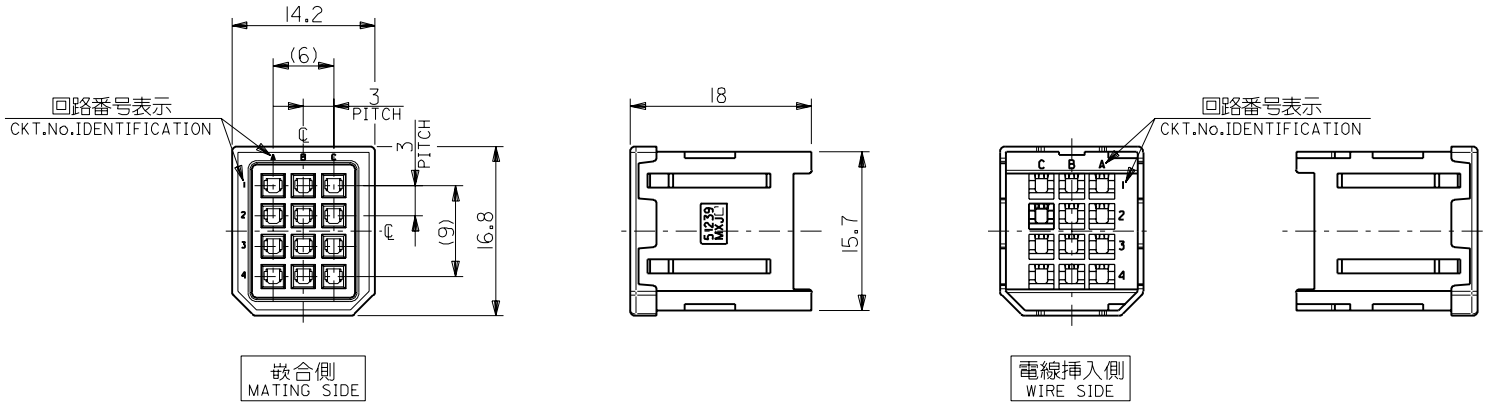
Reference - Drawing Numbers

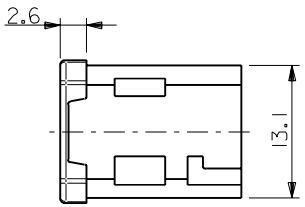
Product Specification	PS-51238-010, PS-51238-018, RPS-51238-001
Sales Drawing	SD-51239-004

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DWG. NO. SD-51239-004

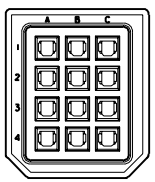
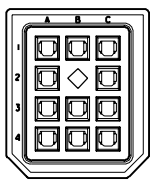
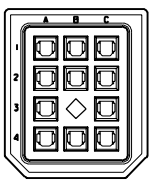
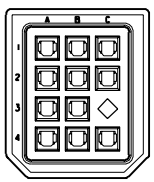
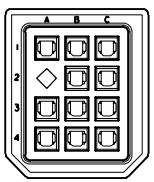




注記
NOTES

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：51233-121*
   MEET WITH : 51233-121*

<誤嵌合防止キー（極性）タイプ> <POLARITY KEY TYPE>

51239-1201	51239-1202	51239-1203	51239-1204	51239-1205
				
STANDARD TYPE	A TYPE	B TYPE	C TYPE	D TYPE

POLARITY POSITION (CIRCUIT No.)	POLARITY TYPE	MATERIAL No.	MODEL No.	CIRCUIT
A-2	D	51239-1205	51239-**0*	12
C-3	C	51239-1204		
B-3	B	51239-1203		
B-2	A	51239-1202		
—#—	STANDARD	51239-1201		

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

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

molex MOLEX INCORPORATED

CAD FILENAME: 51239004.S01
MATERIAL NO.: SEE CHART
DRAWING NO.: SD-51239-004
SHEET NO.: 1 OF 1
SIZE: B

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51239004.S01