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Part Number:

0512343005

Status:

Active

Description:

CRC™ Shielded Rectangular I/O Plug Housing, For Plug Assembly, Male Terminal, Signal, 30 Circuits, Polarization Type D, Polarization Position B-3



image - Reference onlySeries

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	51234
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
Durability (mating cycles max)	100
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	6
Orientation	Vertical
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
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	1A, 2.5A, 2A, 3A
Shield Type	Full Shield
Shielded	Yes
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

51234Series

Mates With

51238

Use With

56116, 56117, 56118 and 56119 male terminal, [56380](#) plug shell body, [56381](#) plug shell cover

Reference - Drawing Numbers

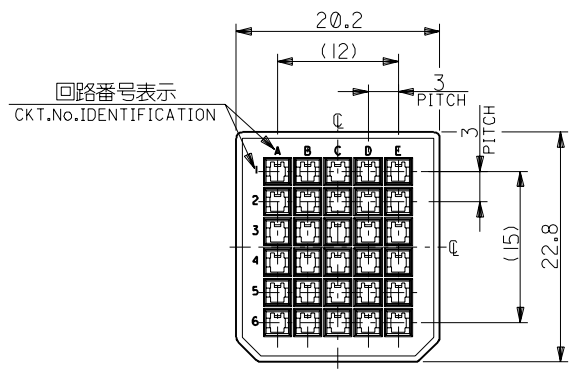
Product Specification
Sales Drawing

PS-51238-010, PS-51238-018, RPS-51238-001
SD-51234-006

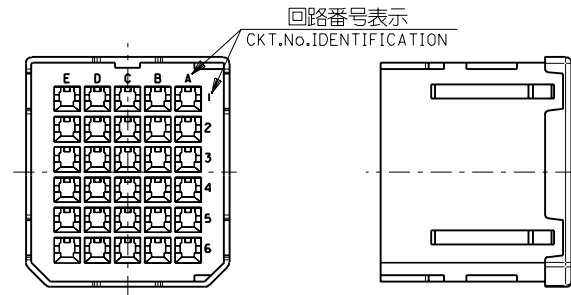
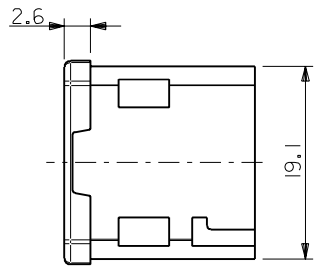
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8 7 6 5 4 3 2 1



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 : 56116-8*90 , 56117-8*90
56118-8*90 , 56119-8*90
APPLICABLE CRIMP PIN : 56116-8*90 , 56117-8*90
56118-8*90 , 56119-8*90
3. 適用シェルボディ : 56380-3000
APPLICABLE SHELL BODY : 56380-3000
4. 適用シェルカバー : 56381-3000
APPLICABLE SHELL COVER : 56381-3000
5. 嵌合相手 : 51238-301*
MEET WITH : 51238-301*

<誤嵌合防止キー（極性）タイプ> <POLARITY KEY TYPE>

51234-3001	51234-3002	51234-3003	51234-3004	51234-3005
STANDARD TYPE	A TYPE	B TYPE	C TYPE	D TYPE

B-3	D	51234-3005	51234-**0*	30
D-4	C	51234-3004		
C-4	B	51234-3003		
C-3	A	51234-3002		
—#—	STANDARD	51234-3001		
POLARITY POSITION (CIRCUIT No.)	POLARITY TYPE	MATERIAL No.	MODEL No.	CIRCUIT

EC NO. DRWN: CHK'g APPR:	EC NO. DRWN: CHK'g APPR:	EC NO. DRWN: CHK'g APPR:	REVISED 01/10/04 EC NO. J2002-0786 DRWN: S.AKIYAMA CHK'g: J.MIYAZAWA APPR: YO.ITO	RELEASED 01/02/09 EC NO. JD2001-1040 DRWN: S.AKIYAMA CHK'g: J.MIYAZAWA APPR: HIKESUGI	DESCRIPTION MATERIAL 材料 注記参照 SEE NOTES	FINISH 仕上付 —#—	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	SHT REV	REVISE ON CAD ONLY					
									10 UNDER 未満	±0.2	DRAWN BY & DATE S. Akiyama 01/01/25		TITLE: COMPACT ROBOT CONN. (CRC) PLUG PIN HS'G								
									10 OVER 30 UNDER 以上 未満	±0.25	CHECKED BY & DATE J. Miyazawa / Y. Ito										
									30 OVER 以上	±0.3	APPROVED BY & DATE S. Akiyama		MOLEX INCORPORATED								
										ANGLE 角度	±3°	CAD FILENAME 51234006.S01	MATERIAL NO. SEE CHART	DRAWING NO. SD-51234-006	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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SIZE
B