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Part Number: [0872038042](#)
Status: **Active**
Description: D-Subminiature Shielded I/O PCB Male Plug, Right Angle, Through Hole, 9 Circuits, Screw Hole, Threaded, Gold (Au) 0.76µm (30µ")
Replacement Part Number: NO REPLACEMENT PART AVAILABLE

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

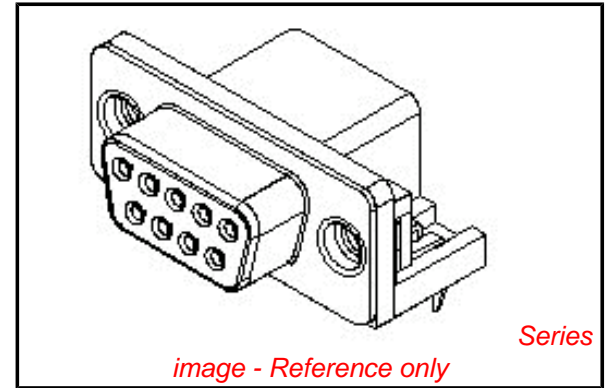
General

Product Family I/O Connectors
 Series [87203](#)
 Application Wire-to-Board
 Comments Shell: Steel
 Component Type Plug
 Obsolete Date 2006/07/01
 Product Name D-Sub, DB9
 Replacement Part Number NO REPLACEMENT PART AVAILABLE
 Type N/A

Physical

Boot Color N/A
 Circuits (Loaded) 9
 Circuits (maximum) 9
 Flammability 94V-0
 Gender Male
 Lock to Mating Part Yes
 Material - Plating Mating Gold
 Number of Rows 2
 Orientation Right Angle
 PC Tail Length (in) 0.125 In
 PC Tail Length (mm) 3.18 mm
 PCB Locator Yes
 PCB Retention Yes
 Packaging Type Tray
 Panel Mount Yes
 Pitch - Mating Interface (in) 0.054 In
 Pitch - Mating Interface (mm) 1.38 mm
 Pitch - Term. Interface (in) 0.054 In
 Pitch - Term. Interface (mm) 1.38 mm
 Plating min: Mating (µin) 30
 Plating min: Mating (µm) 0.76
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Ports 1
 Surface Mount Compatible (SMC) No
 Termination Interface: Style Through Hole
 Waterproof / Dustproof No
 Wire Size AWG N/A

Electrical



EU RoHS **China RoHS**

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

[87203Series](#)

Mates With

[87204](#)

Current - Maximum per Contact
Shield Type
Shielded
Voltage - Maximum

1A
Full Shield
Yes
750V AC (RMS)

Material Info

This document was generated on 04/02/2010

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E

D

C

B

A

MM

DIMENSIONS IN METRIC DO NOT SCALE DRAWING

番号説明

PART NUMBER LEGEND

種類 TYPE OPTION 極数 CKT SIZE ヌッキ厚 PLATING 付属ネジ SCREW OPTION

87203

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- 0: #4-40 UNCねじリベット
1.0mm 厚基板対応金属ペグ付
#4-40 UNC thread rivet with fork board
lock for 1.0mm PCB
- 1: M2.6 ねじリベット
1.0mm 厚基板対応金属ペグ付
M2.6 thread rivet with fork board
lock for 1.0mm PCB
- 2: M3 ねじリベット
1.0mm 厚基板対応金属ペグ付
M3 thread rivet with fork board
lock for 1.0mm PCB
- 6: #4-40 UNCねじリベット
1.6mm 厚基板対応金属ペグ付
#4-40 UNC thread rivet with fork board
lock for 1.6mm PCB
- 7: M2.6 ねじリベット
1.6mm 厚基板対応金属ペグ付
M2.6 thread rivet with fork board
lock for 1.6mm PCB
- 8: M3 ねじリベット
1.6mm 厚基板対応金属ペグ付
M3 thread rivet with fork board
lock for 1.6mm PCB

- 0: 9極
9CKT.
- 1: 15極
15CKT.
- 3: 25極
25CKT.
- 4: 37極
37CKT.

- 4: 0.762µm Au
- 5: 0.38µm Au
- 6: GOLD FLASH (0.1µm Au)

- 2: 付属品無し
Flush insert only
- 3: #4-40 UNC 取り付けねじ 2本装着
2 pcs #4-40 UNC inner thread screw assembled
- 4: M2.6 取り付けねじ 2本装着
2 pcs M2.6 inner thread screw assembled
- 5: M3 取り付けねじ 2本装着
2 pcs M3 inner thread screw assembled
- 6: #4-40 UNC 取り付けねじ 2本同梱
2 pcs #4-40 UNC inner thread screw attached
- 7: M2.6 取り付けねじ 2本同梱
2 pcs M2.6 inner thread screw attached
- 8: M3 取り付けねじ 2本同梱
2 pcs M3 inner thread screw attached

角度 ANGLE		±3°	材料 MATERIAL		SEE NOTES	 MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
30以上 OVER		+0.3	仕上げ FINISH		SEE NOTES	
10以上 30未満 UNDER		+0.25	適用電線範囲 WIRE RANGE		— # —	TITLE 名称
10未満 UNDER		+0.2	被覆外径 INS. RANGE		— # —	D-SUB MALE, METAL SHELL
一般公差 GENERAL TOLERANCES			DRAWN BY		CHK'D BY	DWG. NO.
記号 LTR		0	新規作成 RELEASED (T40445)		1.5 M.S.	SHEET 2 of 2
変更内容 REVISION RECORD			DR. CHK.		日付 DATE	REV
			APP'D BY		尺度 SCALE	0
			DATE		2-1	