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**Part Number:** [83611-9023](#)  
**Status:** **Active**  
**Overview:** Commercial Micro-D High-Density Connectors  
**Description:** 1.27mm Pitch Commercial Micro D, PCB Mount, Vertical Plug, 9 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-83421-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |  |
|----------------|--|
| Product Family | I/O Connectors   |
| Series         | 83611  |
| Application    | Wire-to-Board  |
| Comments       | Pin Contact  |
| Component Type | Plug   |
| Overview       | <a href="#">Commercial Micro-D High-Density Connectors</a> |
| Product Name   | Commercial Micro-D   |
| Type           | N/A  |
| UPC            | 800756435053   |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 9               |
| Circuits (maximum)             | 9               |
| Durability (mating cycles max) | 500             |
| Lock to Mating Part            | Yes             |
| Material - Plating Mating      | Gold            |
| Net Weight                     | 9.117/g         |
| Orientation                    | Vertical        |
| PC Tail Length                 | 2.79mm          |
| PCB Retention                  | Yes             |
| PCB Thickness - Recommended    | 1.52mm          |
| Packaging Type                 | Tube            |
| Panel Mount                    | Yes             |
| Pitch - Mating Interface       | 1.27mm          |
| Plating min - Mating           | 0.381µm         |
| Polarized to Mating Part       | Yes             |
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | -40°C to +125°C |
| Termination Interface: Style   | Through Hole    |
| Wire Size AWG                  | N/A             |

**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 1A      |
| Shielded                      | Yes     |
| Voltage - Maximum             | 350V AC |

**Solder Process Data**

|  |   |
|--|---|
| Duration at Max. Process Temperature (seconds) | 1 |
| Max. Cycles at Max. Process Temperature        | 1 |

**Material Info**

**Reference - Drawing Numbers**

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-83421-001  |
| Sales Drawing         | SD-83611-9023 |



**EU RoHS**

**RoHS Compliant by Exemption**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**China RoHS**



Pb

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Email [productcompliance@molex.com](mailto: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**

83611Series

**Mates With**

83421 , 83424 , 83423

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