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[Home](#) [I/O Connectors](#) [Datasheet](#)Part Number: **0830000083**Status: **Active - Custom**Overview: **Commercial Micro-D**

Description: 1.27mm (.050") Pitch Ulti-Mate™ Commerical Micro D, Cable Receptacle Kit, 9|25|15 Circuits

## Documents:

Note - Please disable browser pop-up blockers for documents on [www.molex.com](http://www.molex.com)  
[Product Literature \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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## Part Detail:

General Physical Electrical Material Info

## General

Product Family	I/O Connectors
Series	<b>83000</b>
Application	Wire-to-Board
Component Type	Receptacle
Overview	<a href="#">Commercial Micro-D</a>
Product Literature Order No	USA-063
Product Name	Commercial Micro-D
Type	N/A

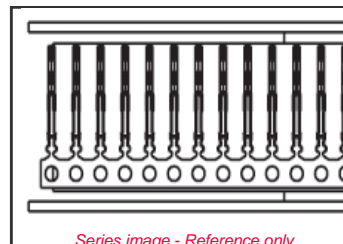
## Physical

Circuits (Loaded)	1
Circuits (maximum)	1
Durability (mating cycles max)	500
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Orientation	N/A
PCB Retention	N/A
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Plating min - Mating	0.127µm (5µ")
Plating min - Termination	1.270µm (50µ")
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55°C to +70°C
Termination Interface: Style	Crimp or Compression
Wire Size AWG	26, 28

## Electrical (Please review the Product Specification for specific details.)

Current - Maximum per Contact	3A
Shielded	Yes
Voltage - Maximum	350V

## Material Info



**EU RoHS**  
ELV and RoHS  
Compliant

China RoHS



**REACH SVHC**  
Not Reviewed

**Halogen-Free Status**  
Halogen-Free

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## Mates With

[83611](#), [83619](#), [83612](#), [83614](#)Application Tooling | [FAQ](#)

Tooling specifications and manuals are  
found by selecting the products below.  
Crimp Height Specifications are then  
contained in the Application Tooling  
Specification document.

Global

Description Product #

Hand Crimp Tool [0638114800](#)

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