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**Part Number:** **0830000083**  
**Status:** **Active - Custom**  
**Overview:** commercial\_microd  
**Description:** 1.27mm (.050") Pitch Ulti-Mate™ Commerical Micro D, Cable Receptacle Kit, 9|25|15 Circuits

**Documents:**

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

**General**

Product Family	I/O Connectors
Series	83000
Application	Wire-to-Board
Component Type	Receptacle
Overview	<u>commercial_microd</u>
Product Literature Order No	USA-063
Product Name	Commercial Micro-D
Type	N/A

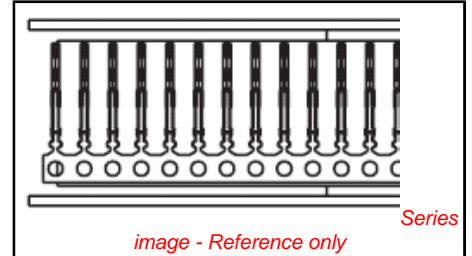
**Physical**

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	1.27mm (.050")
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**

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

**Material Info**



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free Status**  
**Low-Halogen**

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
 83000Series

**Mates With**  
 83611 , 83619 , 83612 , 83614

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