

English 日本語 한국어 简体中文

Search: Go

Register | Login
My Parts (0 items)

- Product Name
 - Cross-Ref
 - Catalog
 - Literature
 - Industries
 - Standards
 - Contact Us
 - About Us
 - Investors
 - Careers
-
- Connectors
 - Sockets
 - I/O Connectors
 - Cable Assemblies
 - Fiber Optics
 - Printed Circuit Products
 - Industrial Products
 - Lighting Products

Switch Language

English ▼

Need Assistance?

- Contact Us
- Find a Distributor
- Order Samples
- Tech Library
- Eocare
- Electrical Models

[Printer-friendly page](#)

[Email this page](#)

[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
[Product Literature \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Order Products:

[Check Distributor Inventory](#) [Add to My Parts](#)

[\(show all\)](#)

Part Detail:

General Physical Electrical Material Info

General

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

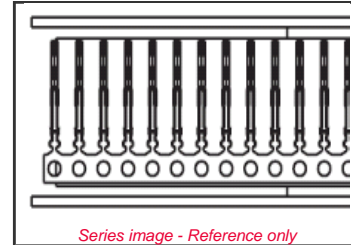
Physical

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



Series image - Reference only

EU RoHS
ELV and RoHS Compliant

China RoHS



REACH SVHC
Not Reviewed

Halogen-Free Status
Halogen-Free

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

[83000Series](#)

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

Copyright 2005-2010