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Part Number: [83000-9503](#)
Status: **Active**
Overview: [Commercial Micro-D High-Density Connectors](#)
Description: [Commercial Micro-D, Socket Terminal, 50K Piece Reel](#)

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

General	
Product Family	I/O Connectors
Series	83000
Application	Wire-to-Board
Component Type	Terminal
Overview	Commercial Micro-D High-Density Connectors
Product Name	Commercial Micro-D
Type	N/A
UPC	800756415857
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
Net Weight	0.028/g
Orientation	N/A
PCB Retention	N/A
Packaging Type	Reel
Panel Mount	No
Pitch - Mating Interface	1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	1.270µm
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

Reference - Drawing Numbers	
Sales Drawing	SD-83000-002



image - Reference only Series

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

China RoHS

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 #
FineAdjust™	0638622000
Applicator	
Hand Crimp Tool	0638114800
T2 Terminator Die	0638522000

Mouser Electronics

Authorized Distributor

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Molex:

[83000-9503 \(Mouser Reel\)](#) [83000-9503 \(Cut Strip\)](#)