

**Part Number: 83611-9001**

Commercial Micro D, PCB Mount, Right Angle Plug, 9 Circuits



Series image - Reference only

Status:	OBsolete
Replacement:	Contact Molex
Series:	83611
Category:	I/O Connectors
Overview:	Commercial Micro-D High-Density Connectors

Mates With Part(s):[83421](#) Cable Assembly**Product Environmental Compliance**[EU RoHS](#): ELV and RoHS Compliant[China RoHS](#): [REACH SVHC](#):[Low-Halogen Status](#): Not Reviewed**Part Detail****General**

Status	Obsolete
Category	I/O Connectors
Series	83611
Application	Wire-to-Board
Component Type	Plug
Overview	Commercial Micro-D High-Density Connectors
Product Name	Commercial Micro-D
Type	N/A

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Durability (mating cycles max)	500
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Orientation	Right Angle
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

(Please review the Product Specification for specific details.)

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

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
------------------------------	------------------------

Material Info

UPC	800754251716
-----	--------------

Reference - Drawing Numbers

Sales Drawing	SD-83611-9001
---------------	---------------

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)