

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0836129024

Status:

Active

Overview:

Commercial Micro-D High-Density Connectors

Description:

1.27mm Pitch Commercial Micro D, PCB Mount, Vertical Plug, 15 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-83421-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Type

UPC

I/O Connectors

83612

Wire-to-Board

Pin Contact

Plug

Commercial Micro-D High-Density Connectors

Commercial Micro-D

N/A

756054815779

Physical

Boot Color

Circuits (Loaded)

Circuits (maximum)

Durability (mating cycles max)

Gender

Lock to Mating Part

Material - Plating Mating

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Panel Mount

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Polarized to Mating Part

Polarized to PCB

Ports

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

Wire Size AWG

N/A

15

15

500

Plug

Yes

Gold

4.740/g

2

Vertical

2.79mm

Yes

Yes

1.52mm

Tube

Yes

1.27mm

1.27mm

0.381µm

Yes

Yes

1

No

-40°C to +125°C

Through Hole

No

N/A

Electrical

Current - Maximum per Contact

Shield Type

Shielded

Voltage - Maximum

1.0A

Full Shield

Yes

350V AC

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant with Exemption 6(c)

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

50 Image

Not Relevant

Not Contained

Search Parts in this Series

83612 Series

Mates With

83422 Cable Assembly

This document was generated on 01/12/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[83612-9024](#)