

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0918160010

Status:

Active

Overview:

C-Grid Connector Products

Description:

C-Grid Vertical Header Assembly, Dual Row, 10 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-91816-001-001 (PDF)

Packaging Specification PK-87835-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

PCB Headers

91816

Board-to-Board, Signal

""""""""This Molex product is manufactured from material that has the following ratings, tested by independent agencies:. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. """"""""

Collected FY08-Verified FY08

E-91816-002_A, PK-91816-001_A, PS-91816-001_A, SD-91816-001_A

0905933100, 0918169010

C-Grid Connector Products

C-Grid

822350962728

Data Load Status

Doc Info - Component

Made From

Overview

Product Name

UPC

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Glow-Wire Capable

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

Packaging Type

Pitch - Mating Interface

No

10

10

Black

Yes

Brass

Gold

Tin-Lead

High Temperature Thermoplastic

1.576/g

2

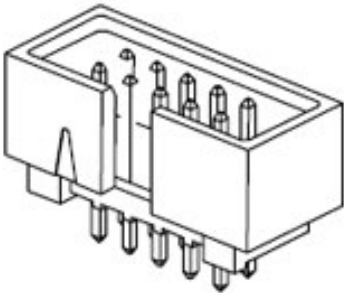
Vertical

3.28mm

No

Bag

2.54mm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free

Status

Not 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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

91816 Series

Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +120°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.5A
Voltage - Maximum	250V DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-87835-001
Product Specification	PS-91816-001-001
Sales Drawing	SD-91816-001

This document was generated on 03/02/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

Molex:

91816-0010