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Part Number:

0746519012

Status:

Active

Overview:

VHDM-HSD™ Backplane Connectors

Description:

VHDM-HSD™ Backplane Header, 2.00mm Pitch, 8-Row, Guide Pin Signal Module, Shield End Version, 60 Circuits, Pin Length 6.25mm, Series:74659 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5

Documents:

Drawing (PDF)

Product Specification PS-74031-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Comments

Component Type

Overview

Product Name

UPC

Backplane Connectors

74651

Backplane

TM-622010999

Keying Orientation A

PCB Header

VHDM-HSD™ Backplane Connectors

VHDM-HSD™

822350785099

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Surface Mount Compatible (SMC)

Temperature Range - Operating

60

60

Black

200

No

94V-0

Yes

Yes

Copper-Nickel-Silicon, High Performance Alloy (HPA), Stainless Steel

Gold

Matte Tin

High Temperature Thermoplastic

8.890/g

10

Open Pin Field

8

Vertical

2.50mm

No

None

1.80mm

Tube

2.00mm

2.00mm

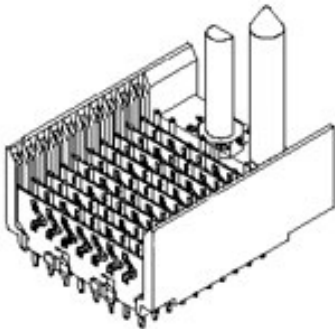
0.762µm

0.762µm

Yes

Yes

-55°C to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

Green Image

Not Relevant

Search Parts in this Series

74651 Series

Mates With

VHDM-HSD™ Daughtercards 74680 ,
74686

Use With

Daughtercard Modules

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

Signal Pin Inserter
Repair Tool

Product #

0622015700

Termination Interface: Style	Through Hole - Compliant Pin	Insertion Module for Advanced Mate Signal Header, 8-Row by 10-Wide, 20.00mm
Electrical		
Current - Maximum per Contact	2.0A	
Data Rate	5.0 Gbps	
Shield Type	Ground Plane Shield	
Shielded	Yes	
Voltage - Maximum	120V AC (RMS)/DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Product Specification	PS-74031-999	
Sales Drawing	SD-74651-002	
Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.		

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Authorized Distributor

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