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Part Number:

74696-1103

Status:

Active

Overview:

VHDM-HSD™ Backplane Connectors

Description:

VHDM-HSD™ Backplane Header, 2.00mm Pitch, 5-Row, Guide Pin Signal Module, Pin End Version, Advanced Mate Shield, 40 Circuits, Pin Length 4.25mm. Series:74702
Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15, and 6.25mm

Documents:

Drawing (PDF)

Product Specification PS-74031-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19880

General

Product Family

Series

Application

Application Tooling Documents

Comments

Component Type

Overview

Product Name

Style

UPC

Backplane Connectors

74696

Backplane

TM-622010999

Advanced mate shield chevron can be used for the first mate last break (FMLB) grounding application.

PCB Header

VHDM-HSD™ Backplane Connectors

VHDM-HSD™

N/A

756054241530

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

40

40

Black

200

No

94V-0

Yes

None

High Performance Alloy (HPA), Stainless Steel

Gold

Matte Tin

High Temperature Thermoplastic

6.047/g

10

Open Pin Field

5

Vertical

2.50mm

No

None

1.80mm

Tube

2.00mm

2.00mm

0.762µm

0.762µm

Yes

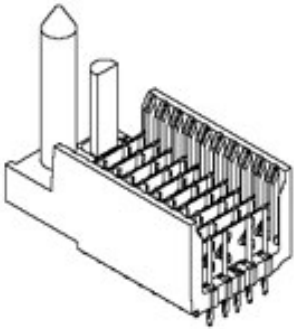


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

74696Series

Mates With

74670 HSD Daughtercard

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 #
Signal Header, 5-Row by 10-Wide, 20.00mm	0622020201
5-Row Pin and Shield Repair Tool	0622015810
5-Row Shield Extraction Tool	0622016010

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1A
Data Rate	5.0 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-74696-003

VHDM-HSD is a trademark of Amphenol Corporation

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