

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0751961011

Status:

Active

Overview:

vhdm__hsd

Description:

2.00mm (.079") Pitch 6-Row VHDM® Lite Backplane Header, Right Shield End Version, 6 Row, 60 Circuits, Pin Length 4.75mm (.187")

Documents:

Drawing (PDF)

Product Specification PS-74031-999 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Application Tooling Documents

Comments

Component Type

Overview

Product Name

Style

Backplane Connectors

75196

Backplane

Tooling Manual

Keying Position A

PCB Header

vhdm__hsd

VHDM Lite®

N/A

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

60

60

Black

200

No

Yes

Yes

High Performance Alloy (HPA), Stainless Steel

Gold

Tin-Lead

High Temperature Thermoplastic

10

Open Pin Field

6

Vertical

0.098 In

2.50 mm

No

Yes

0.071 In

1.80 mm

Tube

0.079 In

2.00 mm

0.079 In

2.00 mm

30

0.75

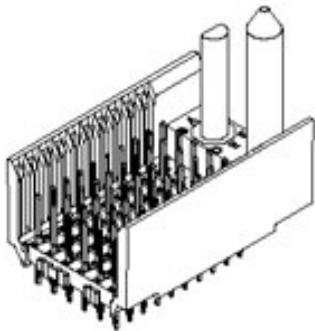
30

0.75

No

No

Yes



Series

image - Reference only

EU RoHS

Not RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS

50

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

75196Series

Mates With

75189 VHDM® Lite Board-to-Board Daughtercard

Use With

Backplane 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

Product #

VHDM® Signal Pin

0622015700

Insertor Repair Tool

VHDM® Insertion

0622020207

Module for Advanced Mate Signal Header,

Temperature Range - Operating	105°C	6 Row by 10 Wide, 20.00mm (.787")
Termination Interface: Style	Through Hole - Compliant Pin	

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	75
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-75196-001

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BACKPLANE HOLE PATTERN
RECOMMENDED DIMENSIONS

Ø0.56 ±0.05 PTH
Ø0.66 DRILL
Ø1.00 PAD
⊕ Ø0.10



- NOTES:
1. MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER (LCP),
GLASS-FILLED, UL 94V-0, COLOR: BLACK
SIGNAL PIN - COPPER ALLOY
 2. FINISHES:
CONTACT AREA: SELECTIVE GOLD (Au)
PCB TAILS: SELECTIVE TIN/LEAD (Sn/Pb)
OR SELECTIVE MATTE TIN (Sn)
NICKEL (Ni) OVERALL.
 3. THIS PART CONFORMS TO MOLEX PRODUCT
SPECIFICATION PS-74031-999
 4. FOR MIXED CONTACT LENGTHS CONSULT
MOLEX FOR AVAILABILITY
 5. FOR SPECIFIC MATERIAL NUMBERS & MATING
INFORMATION REFER TO SHEET 2
 6. PACKAGE PER PK-74058-003
 7. EITHER MARK PART WITH PART NUMBER & DATE
CODE APPROXIMATELY WHERE SHOWN OR PLACE
LABEL ON THE TUBE.



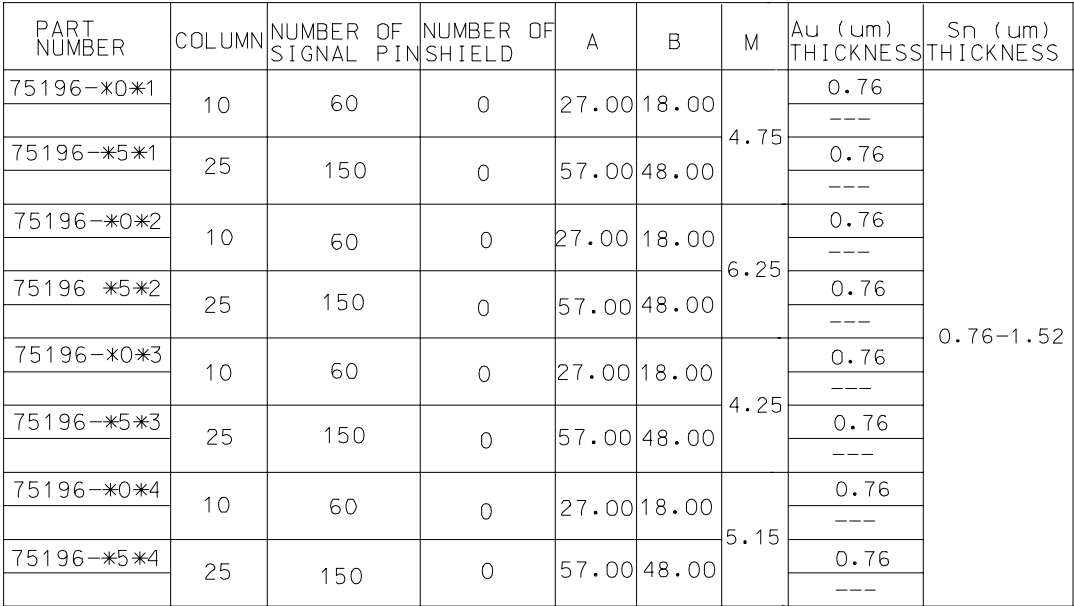
ADD LEADFREE PINS EC NO: UCP2006-0059 DRWNG/MULVEY 2005/07/13 CHKD: 2005/07/13 APPR: SREED 2005/07/15	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY MBANDURA	DATE 2003/01/17	TITLE VHDM LITE 6 ROW SHIELD END BACKPLANE SALES ASSEMBLY				
			4 PLACES ± --- ± ---	CHECKED BY NMARTIN	DATE 2003/01/17						
			3 PLACES ± --- ± ---	APPROVED BY CBIXLER	DATE 2003/01/17	molex MOLEX INCORPORATED					
			2 PLACES ± --- ± ---	MATERIAL NO. SEE SHEET 2	DOCUMENT NO. SD-75196-001						SHEET NO. 1 OF 2
			1 PLACE ± --- ± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
			ANGULAR ±1/2°								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

$$75\,196 - \begin{array}{|c} \hline * * * * \\ \hline \end{array}$$

NUMBER OF COLUMNS/PLATING
10 = 10 COLUMN TIN/LEAD
25 = 25 COLUMN TIN/LEAD
90 = 10 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

CONTACT LOAD
(PIN HEIGHT)

1	=	4.75
2	=	6.25
3	=	4.25
4	=	5.15



QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	mm	INCH	DRAWN BY	DATE	TITLE VHDM LITE 6 ROW SHIELD END BACKPLANE SALES ASSEMBLY		
 =0	4 PLACES ± ---	± ---	MBANDURA	2003/01/17			
 =0	3 PLACES ± ---	± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED		
	2 PLACES ± ---	± ---	NMARTIN	2003/01/17			
	1 PLACE ± ---	± ---	APPROVED BY	DATE			
	ANGULAR ±1/2°		CBIXLER	2003/01/17		SHEET NO. 2 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.		
			SEE CHART		SD-75196-001		
SIZE B			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Комплексную поставку.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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