

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0751179218

Status:

Active

Overview:

vhdm

Description:

2.00mm (.079") Pitch VHDM® Board-to-Board Stacker Receptacle, Vertical, 8-Row, 200 Circuits, 0.76µm (30µ") Gold (Au)

Documents:

Drawing (PDF)

Packaging Specification (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

75117

Daughtercard

Tooling Manual

Stack Height 28mm (1.102"), Lead Free

PCB Receptacle

vhdm

VHDM®

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 - 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)

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

200

200

Black

200

No

No

None

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

High Temperature Thermoplastic

N/A

Open Pin Field

8

Vertical

0.112 In

2.85 mm

No

None

0.071 In

1.80 mm

Tube

0.079 In

2.00 mm

0.079 In

2.00 mm

Yes

No

Yes

105°C

Through Hole - Compliant Pin

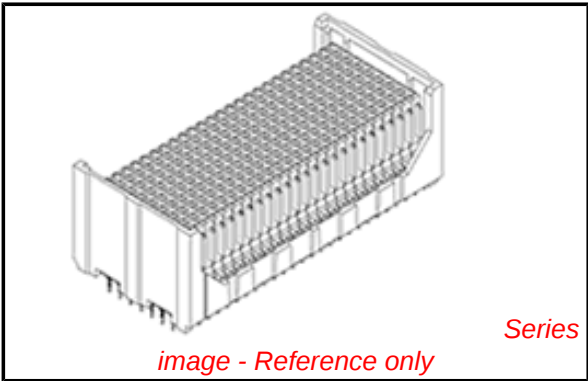
Electrical

Current - Maximum per Contact

Data Rate

1A

3.125 Gbps



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed



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

75117Series

Mates With

74060 VHDM® Board-to-Board Backplane Header

Real Signals (per 25mm)	100
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

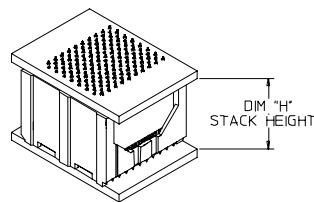
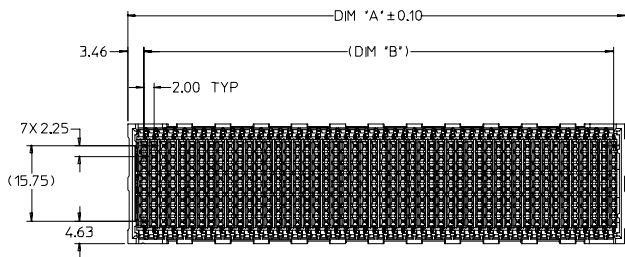
Product Specification	PS-74031-999
Sales Drawing	SD-75117-001

VHDM and Very High Density Metric are trademarks of Amphenol Corporation

This document was generated on 05/28/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

20 19 18 17 16 15 14 13 12 11 75117 9 8 7 6 5 4 3 2 1



MATED VIEW
10-WAFER CONNECTOR SHOWN

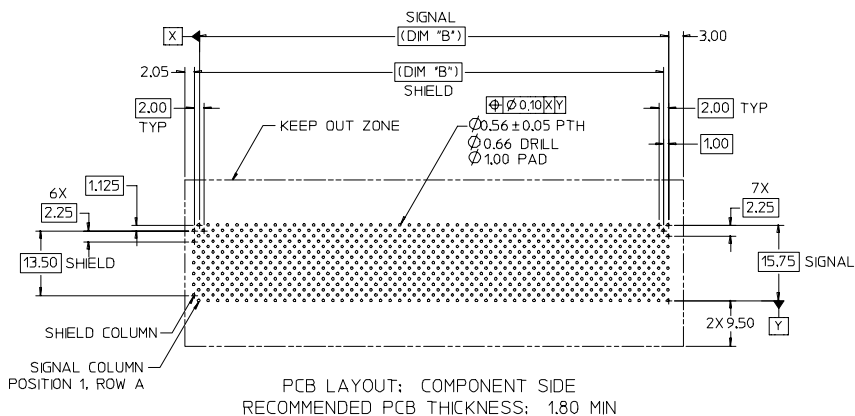
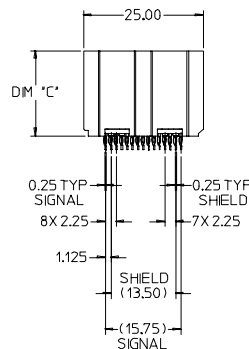
NOTES:

1. MATERIALS:
RETAINER HOUSING/WAFER PLASTIC - LIQUID CRYSTAL POLYMER (LCP),
GLASS FILLED, UL94 V-0, COLOR: BLACK (30µin Au) OR GRAY (50µin Au)
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISHES:
TERMINAL - SELECTIVE GOLD (Au) IN CONTACT AREA, 0.00076mm OR
0.00127mm MIN THICKNESS, SELECTIVE TIN/LEAD (Sn/Pb) OR MATTE TIN (Sn)
ON PCB TAILS,
NICKEL (Ni) UNDERPLATE OVERALL
3. PRODUCT SPECIFICATION: PS-74031-999
4. PACKAGING SPECIFICATION: PK-70873-0750
5. MATES WITH VHDM 8-ROW BACKPLANE HEADER SERIES NO. 74060
6. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002
CLASS B.

MATERIAL NUMBER ASSIGNMENT

75117 - * * * *
GOLD THICKNESS/TAIL PLATING
0 = 30µin/TIN/LEAD
1 = 50µin /TIN/LEAD
8 = 50µin/MATTE TIN
9 = 30µin/MATTE TIN
STACK HEIGHT
DIM "H"
18 = 18mm
*28 = 28mm
NUMBER OF WAFERS
0 = 50
1 = 10
2 = 25

* CONSULT FACTORY FOR AVAILABILITY



* CONSULT FACTORY FOR AVAILABILITY

MATERIAL NUMBER	NUMBER OF WAFERS	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "H" STACK HEIGHT
*75117-*228	25	54.05	48.00	27.74	25.36	28
*75117-*128	10	24.05	18.00			
*75117-*028	50	104.05	98.00			
75117-*218	25	54.05	48.00	17.74	15.36	18
75117-*118	10	24.05	18.00			
75117-*018	50	104.05	98.00			

MODIFIED NOTES EC NO: UCP2008-0167 DRAWN:MS ANDRE 2007/07/25 CHKD: JINGHAN 2007/07/25 APPR: JINGHAN 2007/07/25	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 2:1		DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
						DIMENSION STYLE			TITLE VHDM 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING
						MM ONLY			
						DRAWN BY DATE			
						SREED 2003/02/27			
						CHECKED BY DATE			
						JBINGHAM 2003/02/27			
						APPROVED BY DATE			
						CBILXR 2003/02/27			
						MATERIAL NO. SEE CHART			
REV			MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					D

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



SEE SHEET 1 EC NO: UCP2008-067 DRAWN BY: S.MANDRE2007/07/25 CHKD BY: JINGHAN 2007/07/25 APPR BY: JINGHAN 2007/07/25	DESCRIPTION	QUALITY SYMBOLS ▽ 0 ▽ 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
				mm	INCH	DIMENSION STYLE MM ONLY			TITLE VHDM 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING		
			4 PLACES	± ---	± ---	DRAWN BY				DATE	
			3 PLACES	± ---	± ---	SREED				2003/02/27	
			2 PLACES	± 0.05	± ---	CHECKED BY				DATE	
			1 PLACE	± 0.10	± ---	JBINGHAM				2003/02/27	
			ANGULAR ± 2 °			APPROVED BY CBXLER				DATE 2003/02/27	 MOLEX INCORPORATED
			DRAFT WHERE APPLICABLE								
			MUST REMAIN WITHIN DIMENSIONS								
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
REV					MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75117-001	SHEET NO. 2 OF 2				