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Part Number:

0751170218

Status:

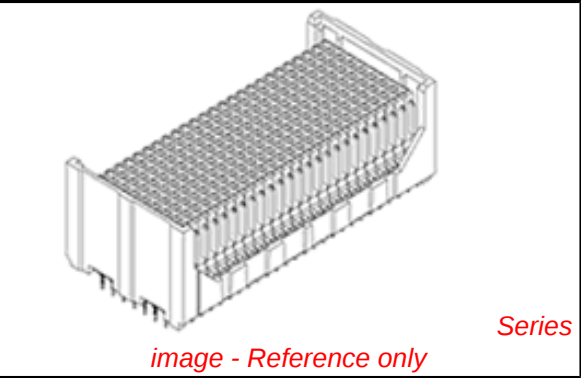
Active

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	Backplane Connectors
Series	75117
Application	Daughtercard
Application Tooling Documents	Tooling Manual
Comments	Stack Height 18mm (.708"), Lead Free
Component Type	PCB Receptacle
Overview	vhdm
Product Name	VHDM®
Style	N/A
Physical	
Circuits (Loaded)	200
Circuits (maximum)	200
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Copper-Nickel-Silicon, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	N/A
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
PCB Retention	None
PCB Thickness Recommended (in)	0.070 In
PCB Thickness Recommended (mm)	1.80 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	30
Plating min: Termination (µm)	0.75
Polarized to PCB	No
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	3.125 Gbps

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

China RoHS



Pb

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
Voltage - Maximum	120V AC (RMS)/DC

Material Info

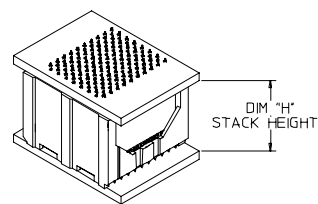
Reference - Drawing Numbers

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

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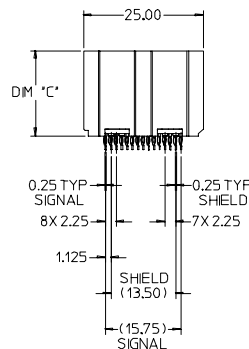
This document was generated on 05/17/2010

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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.



75117 - * * * *

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

* CONSULT FACTORY FOR AVAILABILTY



✕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			
MATERIAL NUMBER	NUMBER OF WAFERS	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "H" STACK HEIGHT

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
	mm	INCH	DIMENSION STYLE MM ONLY		TITLE		
 0  0.05	4 PLACES ± ---	± ---	DRAWN BY DATE		 MOLEX INCORPORATED VHDH 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING		
	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 DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
	DRAFT WHERE APPLICABLE		CBIXLER 2003/02/27	SEE CHART	SD-75117-001	1 OF 2	
	MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

2	MODIFIED NOTES EC NO: UCP2008-0167 DRWN:MSANDBER2007/07/25 CHKD:JBINGHAM 2007/07/25 APPR:JBINGHAM 2007/07/25
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tb_frame_D
Rev. B1 2000/08/01



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	
			4 PLACES	± ---	± ---	DRAWN BY	DATE	VHDM 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING	
			3 PLACES	± ---	± ---	SREED	2003/02/27		
			2 PLACES	± 0.05	± ---	CHECKED BY	DATE		
			1 PLACE	± 0.10	± ---	JBINGHAM	2003/02/27		
			ANGULAR ± 2 °					 MOLEX INCORPORATED	
			DRAFT WHERE APPLICABLE		APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
					CBXLER	2003/02/27	SEE CHART	SD-75117-001	2 OF 2
			MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
REV									

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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