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Part Number:

0751179018

Status:

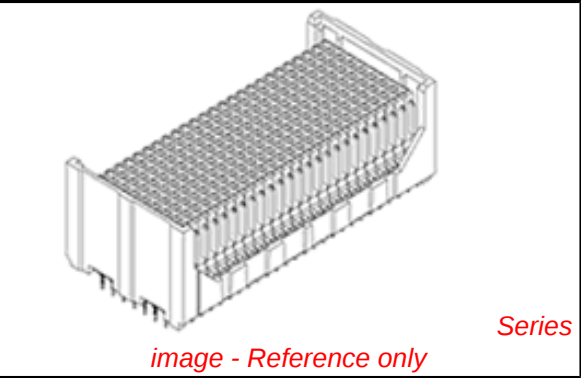
Active

Overview:

vhdm

Description:

2.00mm (.079") Pitch VHDM® Board-to-Board Stacker Receptacle, Vertical, 8-Row, 400 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)	400
Circuits (maximum)	400
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 - Resin	High Temperature Thermoplastic
Number of Columns	N/A
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
PC Tail Length (in)	0.112 In
PC Tail Length (mm)	2.85 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.071 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
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (mm)	2.00 mm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1A
Data Rate	3.125 Gbps

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

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

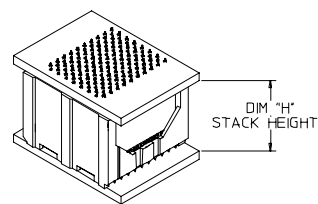
Reference - Drawing Numbers

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

VHDM and Very High Density Metric are trademarks of Amphenol Corporation

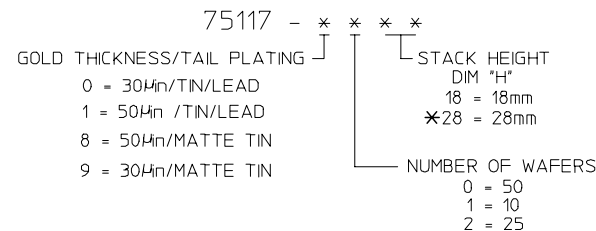
This document was generated on 05/28/2010

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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.



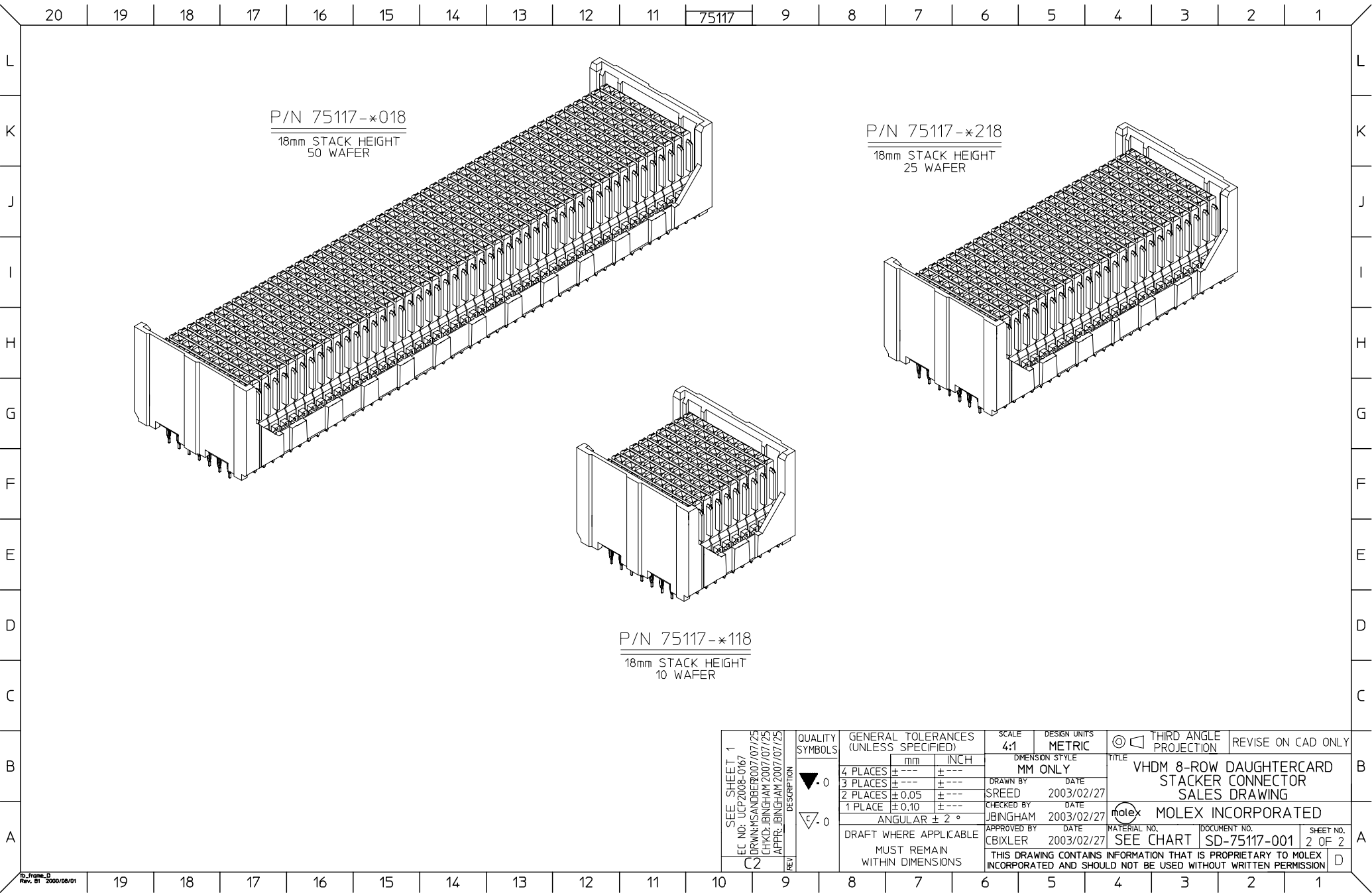
* CONSULT FACTORY FOR AVAILABILTY



✕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	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			 MOLEX INCORPORATED
DRAFT WHERE APPLICABLE		CBIXLER		2003/02/27	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75117-001	SHEET NO. 1 OF 2	
REVIEW	MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.80 MIN



SEE SHEET 1 EC NO: UCP 2008-0067 DRAWN: MSANDER 2007/07/25 CHKD: JBINGHAM 2007/07/25 APPR: JBINGHAM 2007/07/25 REV C2	QUALITY SYMBOLS ▽.0 ▽.0	DESCRIPTION	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 ±.000	±.000	DRAWN BY SREED	DATE 2003/02/27	MATERIAL NO. SEE CHART		
			3 PLACES ±.001	±.001	CHECKED BY JBINGHAM	DATE 2003/02/27	DOCUMENT NO. SD-75117-001		
			2 PLACES ±.005	±.005	APPROVED BY CBIXLER		DATE 2003/02/27	SHEET NO. 2 OF 2	
			1 PLACE ±.010		±.010	MOLEX MOLEX INCORPORATED			
			ANGULAR ± 2 °						
			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				

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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