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Part Number: [0761359001](#)
Status: **Active**
Overview: [vhdm_h](#)
Description: 2.00mm (.079") Pitch VHDM® H Board-to-Board Backplane Header, Vertical, 8-Row, Guide Pin, Signal End Module, Open End Version, 80 Circuits, Pin Length 4.75mm (.187"), Lead Free

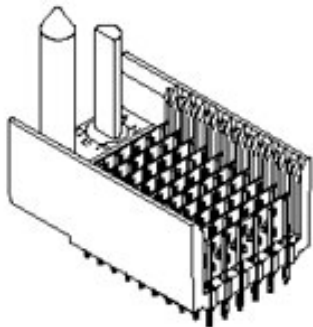
Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-74031-999 \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	76135
Application	Backplane
Comments	No Keying Position
Component Type	PCB Header
Overview	vhdm_h
Product Name	VHDM® - H Series
Style	N/A

Physical

Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Columns	10
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
PC Tail Length (in)	0.072 In
PC Tail Length (mm)	1.83 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.072 In
PCB Thickness Recommended (mm)	1.83 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.089 In
Pitch - Term. Interface (mm)	2.25 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	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +85°C



Series

image - Reference only

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
[76135Series](#)

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.*

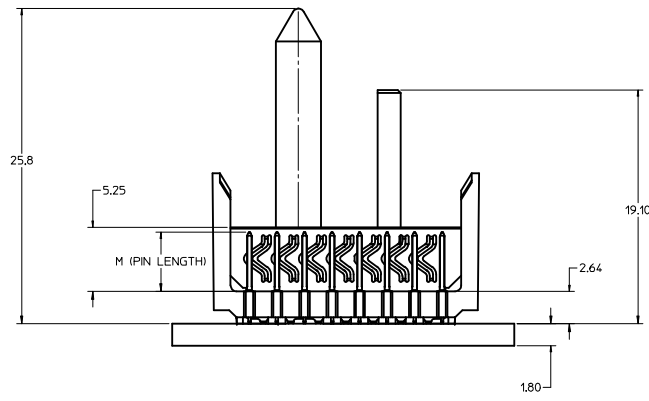
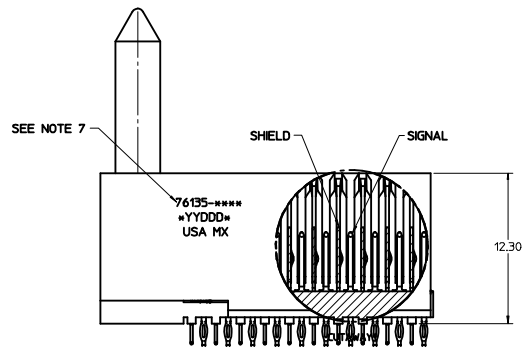
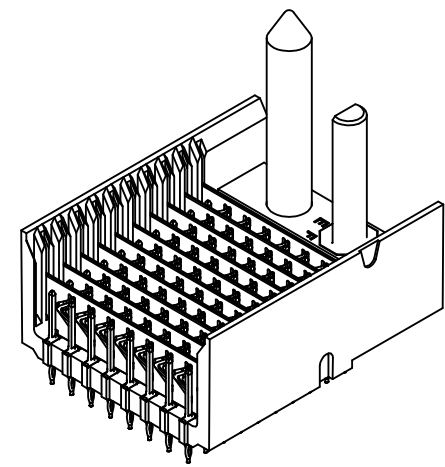
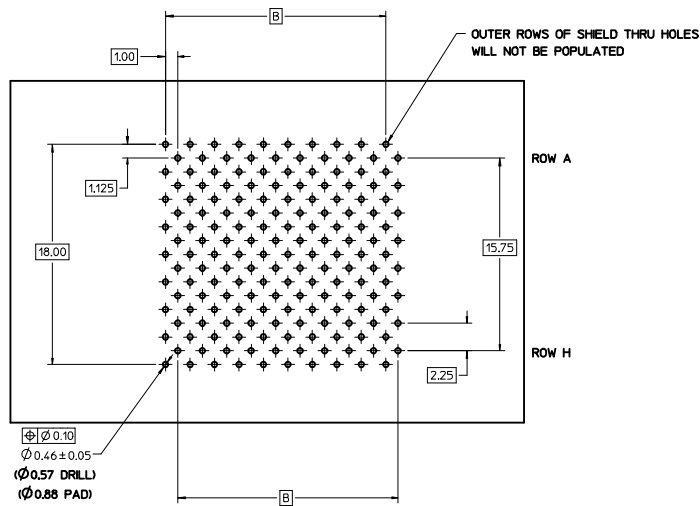
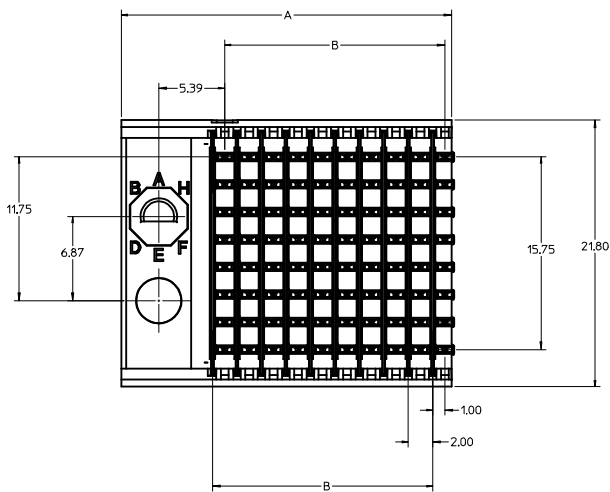
Global

Description	Product #
VHDM® Signal Pin	0622015700
Insertor Repair Tool	
VHDM® 8 Row Pin	0622015900
and Shield Repair Tool	
VHDM® 8 Row	0622016100
Shield Extraction Tool	
VHDM® Insertion	0622020209
Module for Standard Shield Signal Header, 8 Row by	

Termination Interface: Style	Through Hole - Compliant Pin	10 Wide, 20.00mm (.787")
Electrical		
Current - Maximum per Contact	1A	
Data Rate	6.25 Gbps	
Real Signals (per 25mm)	75	
Shield Type	Ground Plane Shield	
Shielded	Yes	
Voltage - Maximum	120V AC (RMS)/DC	
Material Info		
Reference - Drawing Numbers		
Packaging Specification	PK-74061-003	
Product Specification	PS-74031-999	
Sales Drawing	SD-76135-001	
VHDM and Very High Density Metric are trademarks of Amphenol Corporation		

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- NOTES:**
- 1. MATERIALS:**
HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS FILLED, UL94V-0, BLACK
SIGNAL PIN AND SHIELD - COPPER ALLOY
 - 2. FINISHES:**
CONTACT AREA - SELECTIVE GOLD (Au)
PCB TAILS - SELECTIVE TIN/LEAD (SnPb) OR MATTE TIN (Sn)
 - 3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999.**
 - 4. FOR MIXED CONTACT LENGTH CONTACT MOLEX FOR AVAILABILITY.**
 - 5. FOR SPECIFIC MATERIAL NUMBERS AND MATING INFORMATION REFER TO SHEET 2.**
 - 6. PACKAGE PER PK-74061-003.**
 - 7. ASSEMBLY WILL BE MARKED WITH P/N AND DATE CODE WITH LASER MARK ON SIDE OF HOUSING OR BY LABEL ON THE TUBE.**

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				MM ONLY		5:1		METRIC			
=0		mm		INCH		DATE		TITLE			
=0		4 PLACES ± ---		± ---		DRAWN BY		JONIAK		DATE	
		3 PLACES ± ---		± ---		CHECKED BY		BINGHAM		DATE	
		2 PLACES ± 0.15		± ---		APPROVED BY		BINGHAM		DATE	
		1 PLACE ± 0.25		± ---		DATE		2008/04/11		MOLEX INCORPORATED	
		ANGULAR ± 1/2°				RATERIAL NO.		DOCUMENT NO.		SD-76135-001	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE PAGE 2		SHEET NO.		1 OF 2	
						SIZE D					

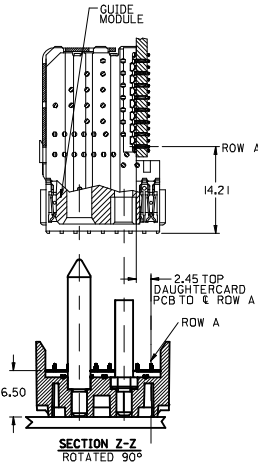
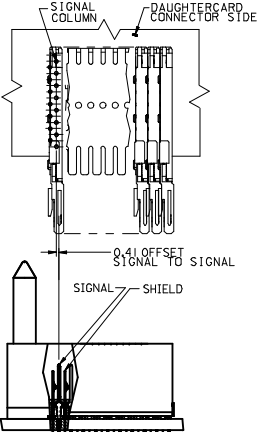
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M/N 76135-()	---0*	---1*	---2*	---3*	---4*	---5*	---6*	---7*	---8*
KEYING PIN ORIENTATION									

76135 - * * * * *

NUMBER OF COLUMNS/PLATING
10 = 10 COLUMN TIN/LEAD
12 = 12 COLUMN TIN/LEAD
25 = 25 COLUMN TIN/LEAD
90 = 10 COLUMN MATTE TIN
92 = 12 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

CONTACT LOAD
(PIN LENGTH)
1 & 6 = 4.15
2 & 8 = 6.25
3 & 9 = 4.25
4 & 9 = 5.15



PART NUMBER	COLUMN	NUMBER OF SIGNAL	NUMBER OF PINSHIELD	A	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
76135 -#0*1	10	80	10	27.00	18.00		0.76	
76135 -#0*6						4.75	1.27	
76135 -#5*1	25	200	25	57.00	48.00		0.76	
76135 -#5*6							1.27	
76135 -#0*2	10	80	10	27.00	18.00		0.76	
76135 -#0*7						6.25	1.27	
76135 -#5*2	25	200	25	57.00	48.00		0.76	
76135 -#5*7							1.27	
76135 -#0*3	10	80	10	27.00	18.00		0.76	
76135 -#5*3	25	200	25	57.00	48.00	4.25	1.27	
76135 -#5*8							0.76	
76135 -#0*4	10	80	10	27.00	18.00		1.27	
76135 -#0*9						5.15	0.76	
76135 -#5*4	25	200	25	57.00	48.00		1.27	
76135 -#5*9							0.76	
76135 -#2*1	12	96	12	31.00	22.00	4.75	1.27	
76135 -#2*6							0.76	
76135 -#2*2	12	96	12	31.00	22.00	6.25	1.27	
76135 -#2*7							0.76	
76135 -#2*3	12	96	12	31.00	22.00	4.25	1.27	
76135 -#2*8							0.76	
76135 -#2*4	12	96	12	31.00	22.00	5.15	1.27	
76135 -#2*9							0.76	

0.76-1.52

INITIAL RELEASE EC NO: UCP2008-2748 DRAWN: JONI AK CHKD: JONI AK APPR: JAIJY	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± ---		DRAWN BY JONI AK		DATE 2008/04/11	TITLE VHDM H-SERIES 8 ROW SIGNAL END BACKPLANE SALES DRAWING	
		3 PLACES ± --- ± ---		CHECKED BY BINGHAM		DATE 2008/04/11	MOLEX INCORPORATED	
		2 PLACES ± 0.15 ± ---		APPROVED BY BINGHAM		DATE 2008/04/11	MATERIAL NO. SD-76135-001	
1 PLACE ± 0.25 ± ---		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SHEET NO. 2 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<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.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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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