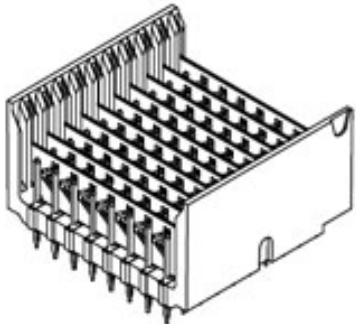


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0761348502](#)
Status: **Active**
Overview: [vhdm](#)
Description: VHDM® H-Series Board-to-Board Backplane Header, 2.00mm (.079") Pitch, Vertical, 8-Row, Open Signal Module, 200 Circuits, Advance Mate Shield, Pin Length 6.25mm (.246")

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

General	
Product Family	Backplane Connectors
Series	76134
Application	Backplane
Comments	Open Header
Component Type	PCB Header
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	Beryllium Copper, 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
PC Tail Length (in)	0.067 In
PC Tail Length (mm)	1.70 mm
PCB Locator	No
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
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	1.00 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	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free



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
[76134Series](#)

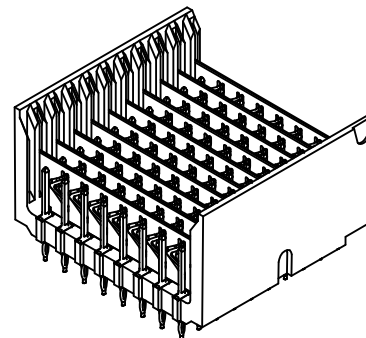
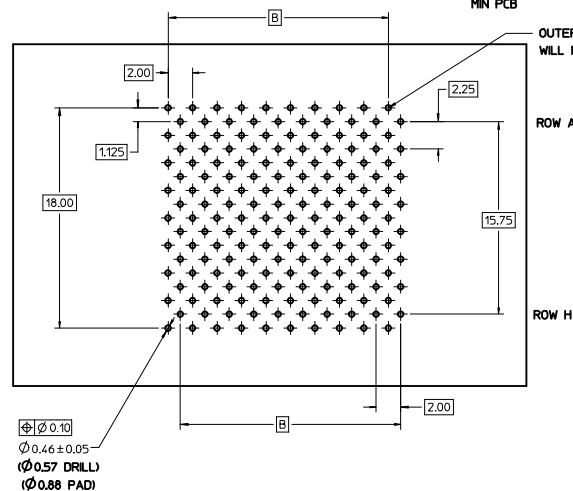
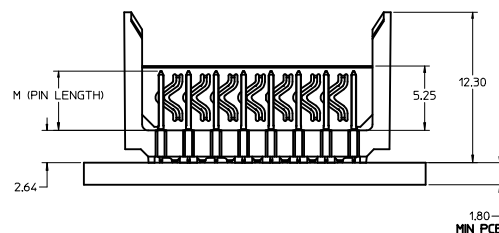
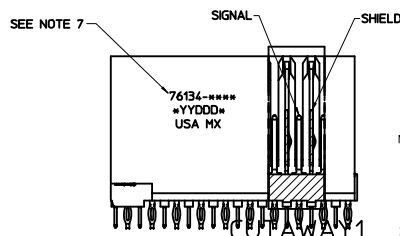
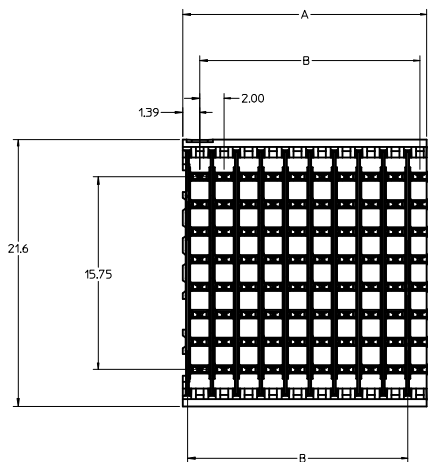
Mates With
[76021](#) VHDM® Board-to-Board
Daughtercard Receptacle

Application Tooling FAQ	
<i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
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	

Termination Interface: Style	Through Hole - Compliant Pin	VHDM® Insertion <u>0622020210</u>
Electrical		Module for Standard
Current - Maximum per Contact	3A	Shield Signal
Data Rate	2.5 Gbps	Header, 8 Row by
Shield Type	Ground Plane Shield	25 Wide, 50.00mm
Shielded	Yes	(1.97")
Voltage - Maximum	30V AC (RMS)/DC	
Material Info		
Reference - Drawing Numbers		
Packaging Specification	PK-74060-003	
Product Specification	PS-74031-999	
Sales Drawing	SD-76134-001	
VHDM and Very High Density Metric are trademarks of Amphenol Corporation		

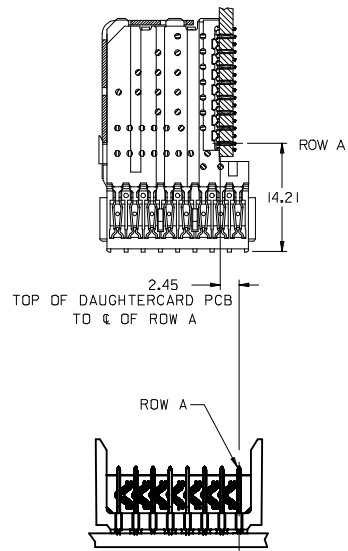
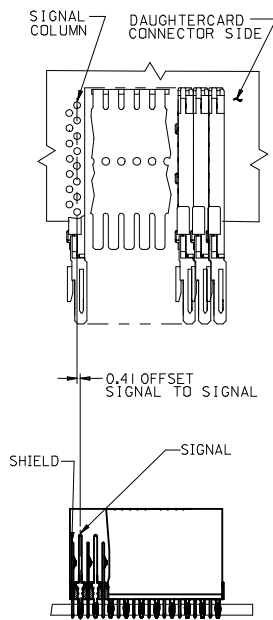
This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



- 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-74060-003.
 7. ASSEMBLY WILL BE MARKED WITH P/N AND DATE CODE WITH LASER MARK ON SIDE OF HOUSING OR BY LABEL ON THE TUBE.

INITIAL RELEASE IEC NO: UCP2008-2748 DRAWN: JONIAK 2008/12/01 CHECKED: JONIAK 2008/12/02 APPR: JLAURY 2008/12/03 A	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
					MM ONLY		5:1	METRIC				
							DRAWN BY		DATE	TITLE		
							JONIAK		2008/04/11	VHDM H-SERIES 8 ROW OPEN END BACKPLANE SALES DRAWING		
							CHECKED BY		DATE			
							BINGHAM		2008/04/11			
							APPROVED BY		DATE	 MOLEX INCORPORATED		
							BINGHAM		2008/04/11			
							MATERIAL NO.		DOCUMENT NO.			
							SEE PAGE 2		SD-76134-001		1 OF 2	
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
				D								



PART NUMBER	COLUMN	NUMBER OF SIGNAL PINS	NUMBER OF SHIELD	A	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
76134-M001	10	80	10	20.00	18.00	4.75	0.76	0.76-1.52
76134-M006							1.27	
76134-M501	25	200	25	50.00	48.00		0.76	
76134-M506							1.27	
76134-M002	10	80	10	20.00	18.00	6.25	0.76	
76134-M007							1.27	
76134-M502	25	200	25	50.00	48.00		0.76	
76134-M507							1.27	
76134-M003	10	80	10	20.00	18.00	4.25	0.76	
76134-M008							1.27	
76134-M503	25	200	25	50.00	48.00		0.76	
76134-M508							1.27	
76134-M004	10	80	10	20.00	18.00	5.15	0.76	
76134-M009							1.27	
76134-M504	25	200	25	50.00	48.00		0.76	
76134-M509							1.27	

MATERIAL NUMBER ASSIGNMENT

76134-**-**

SEE TABLE

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

INITIAL RELEASE IEC NO: UCP2008-2748 DRAWN: JONI AK 2008/12/01 CHECKED: JONI AK 2008/12/02 APPR: JLAIRY 2008/12/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	=0 =0	mm	INCH	MM ONLY	1:1	METRIC	
	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY JONI AK DATE 2008/04/11 CHECKED BY BINGHAM DATE 2008/04/11 APPROVED BY BINGHAM DATE 2008/04/11 MATERIAL NO. SEE CHART DOCUMENT NO. SD-76134-001		TITLE VHDM H-SERIES 8 ROW OPEN END BACKPLANE SALES DRAWING MOLEX INCORPORATED SHEET NO. 2 OF 2		