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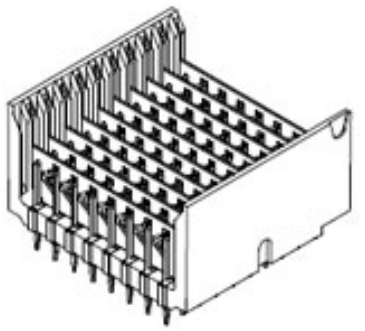
Part Number: 0761348501
Status: Active
Overview: vhdm_h
Description: 2.00mm (.079") Pitch VHDM® H Board-to-Board Backplane Header, Vertical, 8-Row, Signal Module, Open End Version, 200 Circuits, Pin Length 4.75mm (.187"), Lead Free



Series image - Reference only

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

General

Product Family	Backplane Connectors
Series	76134
Application	Backplane
Comments	No Keying Position
Component Type	PCB Header
Overview	vhdm_h
Product Name	VHDM® - H Series
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	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	6
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
Termination Interface: Style	Through Hole - Compliant Pin

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
76134Series

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 Inserter Repair Tool	0622015700
VHDM® 8 Row Pin and Shield Repair Tool	0622015900
VHDM® 8 Row Shield Extraction Tool	0622016100
VHDM® Insertion Module for Standard Shield Signal Header, 8 Row by	0622020210

25 Wide, 50.00mm (1.97")

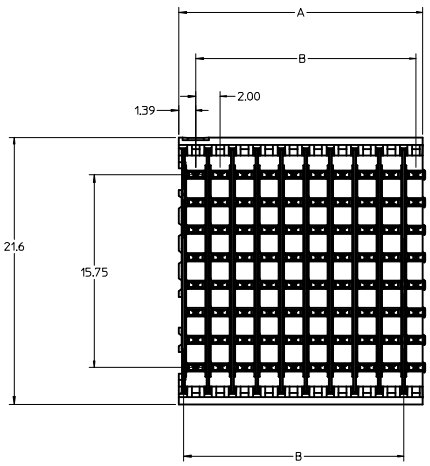
Electrical

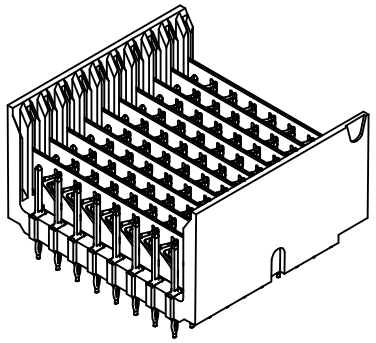
Current - Maximum per Contact	1A
Data Rate	6.25 Gbps
Real Signals (per 25mm)	75
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

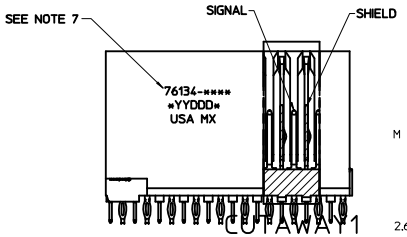
Material Info

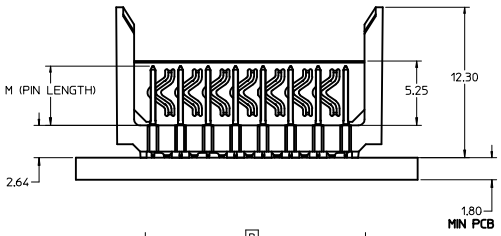
Reference - Drawing Numbers

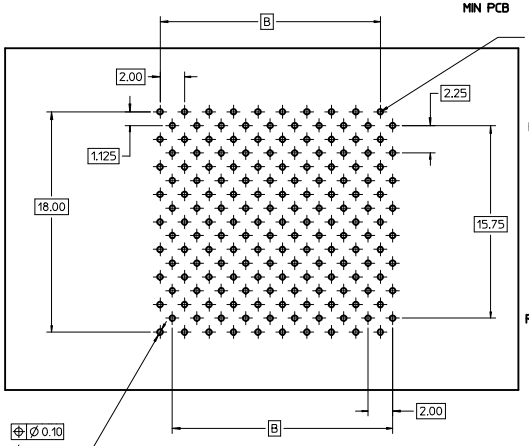
Packaging Specification	PK-74060-003
Product Specification	PS-74031-999
Sales Drawing	SD-76134-001











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.

REV	DESCRIPTION	DRWN	CHKD	APPR	DATE
A	INITIAL RELEASE	JJONIAK	JJONIAK	JLAURX	2008/12/03
	EC NO: UCP2008-27748				2008/12/02
					2008/12/01

QUALITY SYMBOLS: ▼=0, ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

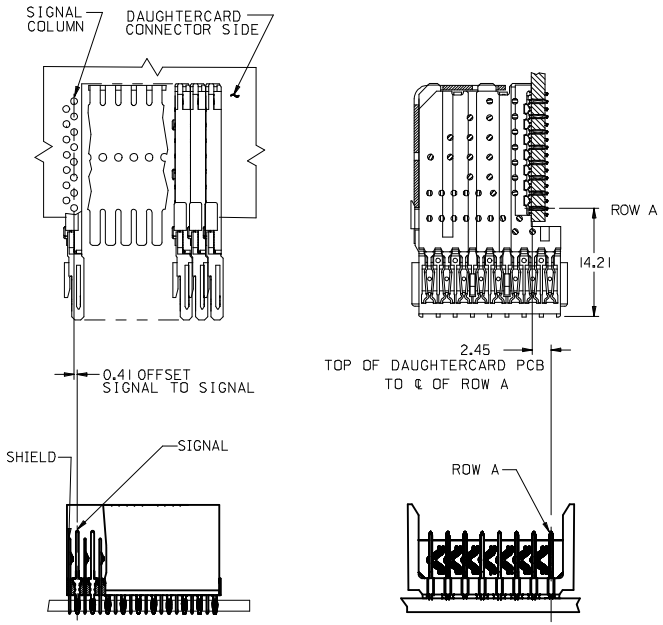
DRAWN BY	JJONIAK 2008/04/11
CHECKED BY	BINGHAM 2008/04/11
APPROVED BY	BINGHAM 2008/04/11
MATERIAL NO.	SEE PAGE 2
SIZE	D

TITLE: VHDM H-SERIES 8 ROW OPEN END BACKPLANE SALES DRAWING

MOLEX INCORPORATED

DOCUMENT NO.: SD-76134-001
SHEET NO.: 1 OF 2

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
76134-*001	10	80	10	20.00	18.00	4.75	0.76	0.76-1.52
76134-*006							1.27	
76134-*501	25	200	25	50.00	48.00		0.76	
76134-*506							1.27	
76134-*002	10	80	10	20.00	18.00	6.25	0.76	
76134-*007							1.27	
76134-*502	25	200	25	50.00	48.00		0.76	
76134-*507							1.27	
76134-*003	10	80	10	20.00	18.00	4.25	0.76	
76134-*008							1.27	
76134-*503	25	200	25	50.00	48.00		0.76	
76134-*508							1.27	
76134-*004	10	80	10	20.00	18.00	5.15	0.76	
76134-*009							1.27	
76134-*504	25	200	25	50.00	48.00		0.76	
76134-*509							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
EC NO: UCP2008-2748 2008/12/01
DRWN: JJONIAK 2008/12/02
CHKD: JJONIAK 2008/12/03
APPR: JLAURX
DESCRIPTION
REV: A

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JJONIAK 2008/04/11
CHECKED BY: BINGHAM 2008/04/11
APPROVED BY: BINGHAM 2008/04/11
MATERIAL NO.: SEE CHART

TITLE: VHDM H-SERIES 8 ROW OPEN END BACKPLANE SALES DRAWING
MOLEX INCORPORATED
DOCUMENT NO.: SD-76134-001
SHEET NO.: 2 OF 2
SIZE: D