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Part Number: [0740401344](#)
Status: **Active**
Overview: [vhdm](#)
Description: 2.00mm (.079") Pitch 8-Row VHDM™ DaugherCard, 45 Wafers, 360 Circuits, Tin Lead, Guide Module

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

Agency Certification

UL E29179

General

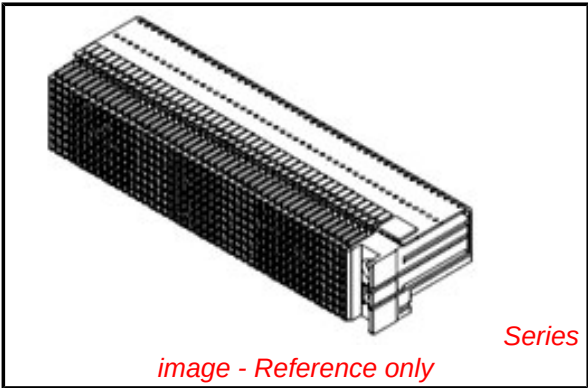
Product Family Backplane Connectors
Series [74040](#)
Application Backplane
Comments Daughter Card
Component Type PCB Header
Overview [vhdm](#)
Product Name VHDM®
Style N/A

Physical

Circuits (Loaded) 360
Circuits (maximum) 360
Color - Resin Black
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part Yes
Keying to Mating Part N/A
Material - Metal Copper Alloy
Material - Plating Mating Tin-Lead
Material - Plating Termination Gold
Material - Resin High Performance Thermoplastic
Number of Columns 45
Number of Pairs N/A
Number of Rows 8
Orientation Right Angle
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
Plating min: Mating (µin) 30
Polarized to PCB No
Stackable Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55°C to +80°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 1A



EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

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
[74040Series](#)

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® and VHDM-HSD™ Card Stiffener Removal Tool	0622016200
GbX VHDM® and VHDM-HSD™ Insertion Module	0622020214

Data Rate	3.125 Gbps
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

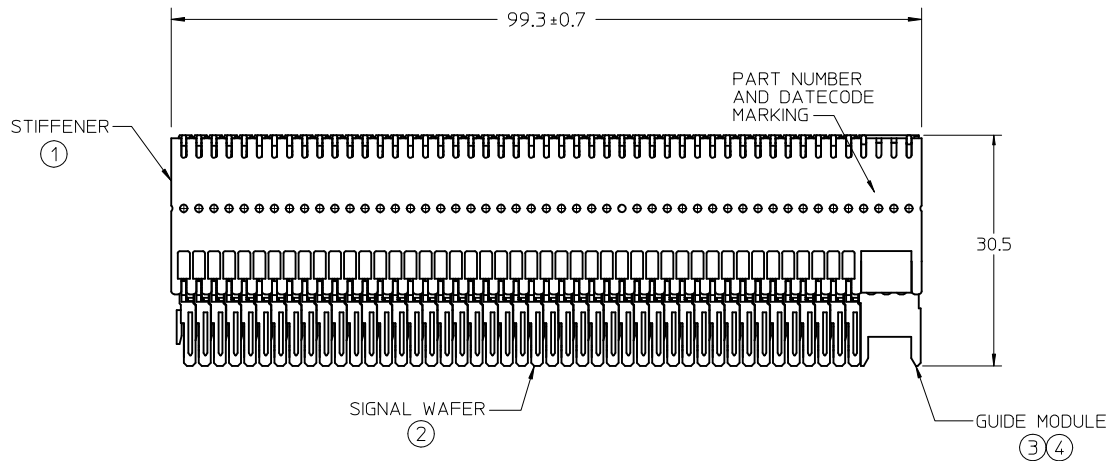
Reference - Drawing Numbers

Packaging Specification	PK-70873-5041
Product Specification	PS-74031-999
Sales Drawing	SD-74040-1344

VHDM is a trademark of Amphenol Corporation

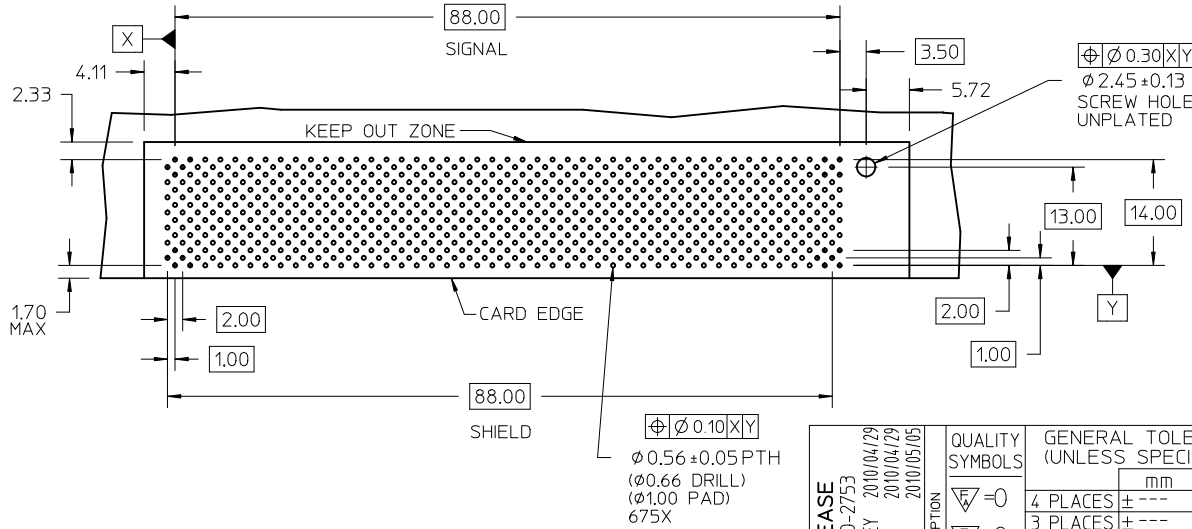
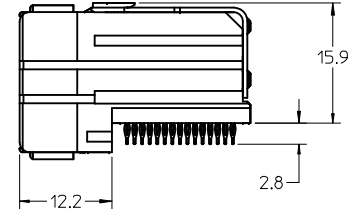
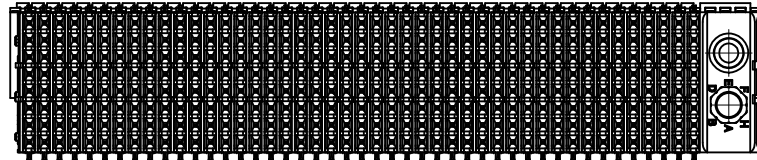
This document was generated on 06/07/2010

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NOTES:

1. MATERIALS: HOUSING: LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0, BLACK, TERMINALS: COPPER ALLOY, STIFFENER: STAINLESS STEEL.
2. FINISH: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 micrometers MINIMUM THICKNESS, SELECTIVE TIN/LEAD (Sn/Pb) IN TAIL AREA, NICKEL (Ni) UNDERPLATE OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-74031-999 FOR PERFORMANCE SPECIFICATIONS.
4. PARTS TO BE PACKAGED PER PK-70873-5041.
5. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF MOLEX COSMETIC SPECIFICATION PS-45499-002.
6. REFER TO MOLEX DOCUMENT SD-74041-002 FOR ADDITIONAL DETAIL ON THE SIGNAL WAFER.
7. REFER TO MOLEX DOCUMENT SD-74037-006 FOR ADDITIONAL DETAIL ON THE GUIDANCE MODULE.
8. SCREWS PACKED IN BAG INSIDE TUBE.
9. LABEL MARKED WITH MOLEX PART NUMBER AND DATE CODE. LABEL MAY BE REPLACED WITH LASER MARKINGS ON THE STIFFENER.



ITEM	PART NUMBER	DESCRIPTION	QTY
1	74046-0099	STIFFENER	1
2	74041-0001	SIGNAL WAFER	45
3	74037-0008	POLARIZING/GUIDE MODULE	1
4	73726-0000	GUIDE MODULE MTG SCREW	1

DAUGHTERCARD BOARD LAYOUT
CONNECTOR SIDE

INITIAL RELEASE EC NO: UCP2010-2753 DRWN:SDANNELLEY 2010/04/29 CHKD:JMLTON 2010/04/29 APPR:SMILLER 2010/05/05 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY SDANNELLEY	DATE 2010/04/29	TITLE VHDM 8 ROW DAUGHTERCARD 45 WAFERS/GUIDE SALES DRAWING			
			4 PLACES	± ---	± ---	CHECKED BY JMLTON	DATE 2010/04/29				
			3 PLACES	± ---	± ---	APPROVED BY SMILLER	DATE 2010/05/05				
			2 PLACES	± 0.25	± ---	MATERIAL NO. 74040-1344		DOCUMENT NO. SD-74040-1344		SHEET NO. 1 OF 1	
			1 PLACE	± 0.38	± ---						
			ANGULAR ±1/2°								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE C		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>

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