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Part Number:

0743351002

Status:

Active

Overview:

[vhdm](#)

Description:

2.00mm (.079") Pitch VHDM® Board-to-Board Backplane Header, Vertical, 8-Row, Signal Module, 60 Circuits, Pin Length 6.25mm (.246")

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	74058
Application	Backplane
Component Type	PCB Header
Overview	vhdm
Product Name	VHDM®
Style	N/A

Physical

Circuits (Loaded)	10, 60
Circuits (maximum)	70
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	6
Orientation	Vertical
PC Tail Length (in)	0.098 In
PC Tail Length (mm)	2.50 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)	0.039 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	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

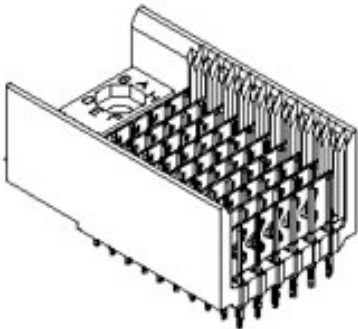


image - Reference only

Series

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

74058Series

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® Insertion Module for Advanced Mate Signal Header, 6 Row by 10 Wide, 20.00mm (.787")	0622020203

Current - Maximum per Contact	2A
Data Rate	3.125 Gbps
Real Signals (per 25mm)	75
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

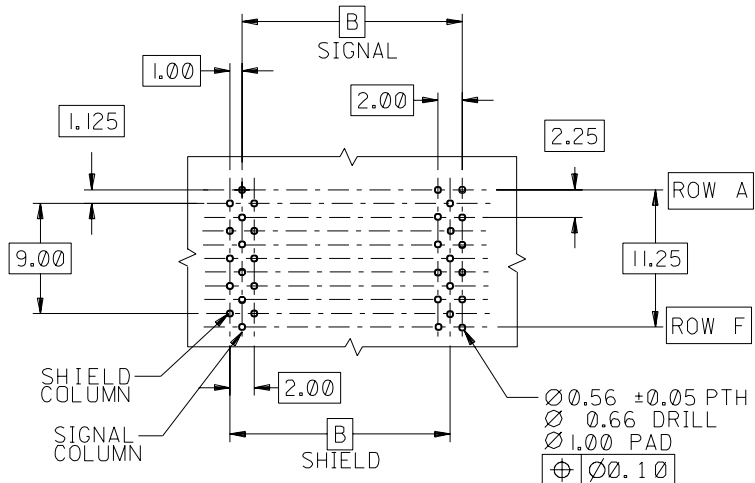
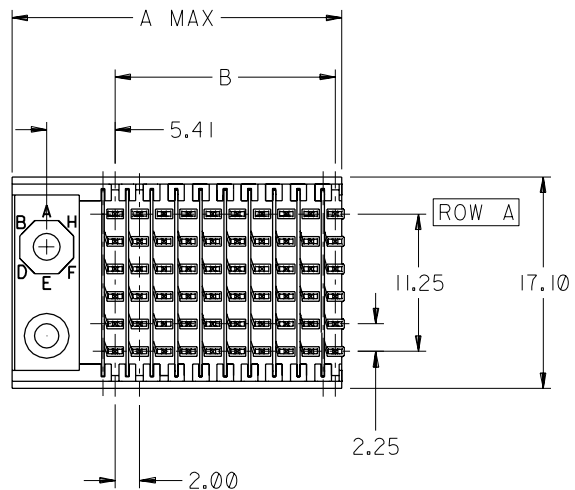
Reference - Drawing Numbers

Packaging Specification	PK-74057-003
Sales Drawing	SD-74335-002

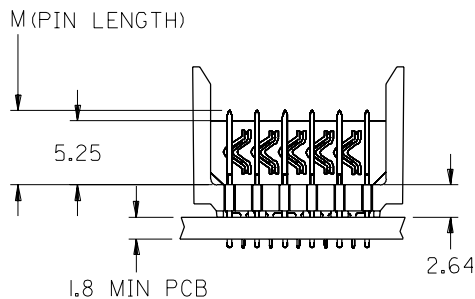
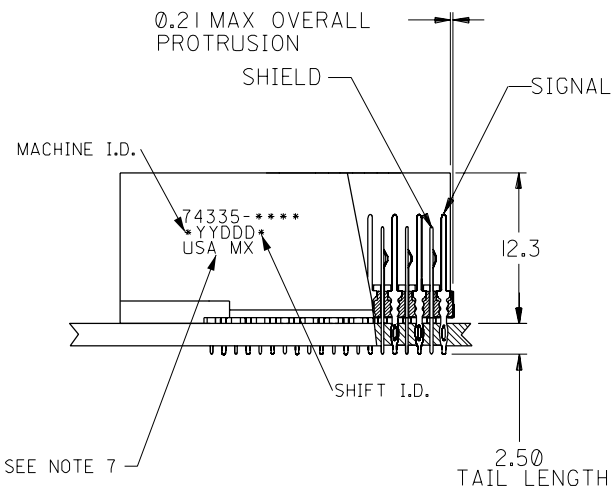
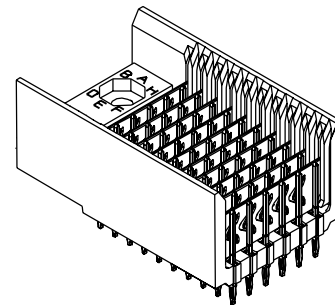
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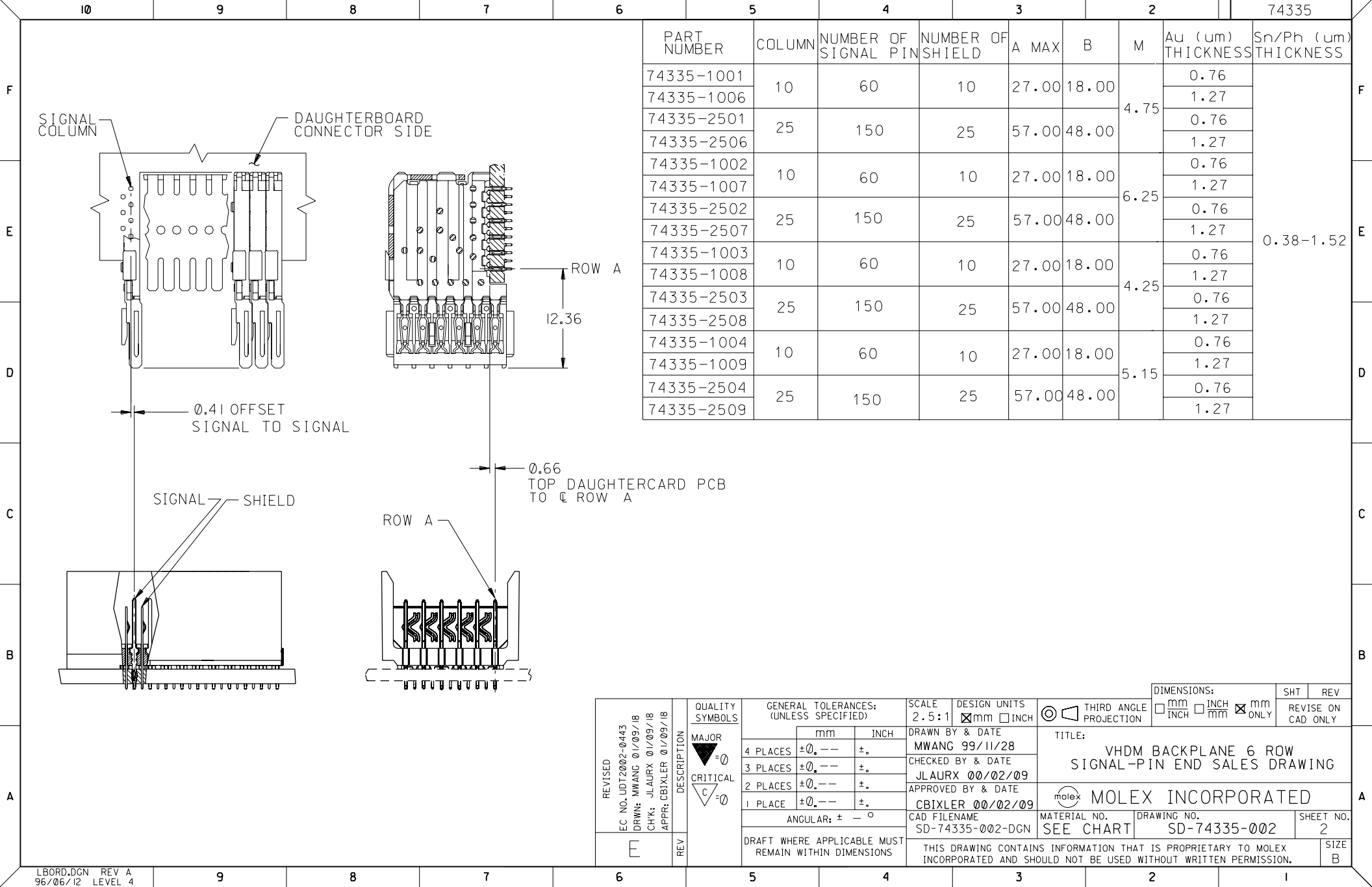
BACKPLANE HOLE PATTERN
RECOMMENDED DIMENSIONS



NOTES:

1. MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER (LCP),
GLASS-FILLED, UL 94V-0, COLOR: BLACK.
SIGNAL PIN & SHIELD - COPPER ALLOY.
2. FINISHES:
SELECTIVE GOLD (Au) IN CONTACT AREA;
SELECTIVE TIN/LEAD (Sn/Pb) ON PCB TAILS AND
NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX
PRODUCT SPECIFICATION PS-74031-999
4. FOR MIXED CONTACT MATING LENGTHS.
CONSULT MOLEX FOR AVAILABILITY.
5. FOR SPECIFIC MATERIAL NUMBERS
AND MATING INFORMATION REFER TO
SHEET 2.
6. PACKAGE PER PK-74057-003.
7. EITHER MARK PARTS WITH PART NUMBER AND DATE CODE
APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON HTE TUBE.

REVISIONS REV E EC NO. UDT2002-0443 DRWN: MWANG 01/09/18 CHK: JLAURX 01/09/18 APPR: CBIXLER 01/09/18	QUALITY SYMBOLS MAJOR = 0 CRITICAL = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED) mm INCH 4 PLACES ± 0. — ±. 3 PLACES ± 0. — ±. 2 PLACES ± 0. — ±. 1 PLACE ± 0. — ±. ANGULAR: ± — °	SCALE 2.5:1 DESIGN UNITS mm INCH DRAWN BY & DATE MWANG 00/02/08 CHECKED BY & DATE JLAURX 00/02/09 APPROVED BY & DATE CBIXLER 00/02/09	THIRD ANGLE PROJECTION	DIMENSIONS: mm INCH mm INCH mm INCH mm ONLY	TITLE: VHDM BACKPLANE 6 ROW SIGNAL-PIN END SALES DRAWING	MOLEX INCORPORATED	MATERIAL NO. SEE SHEET 2	DRAWING NO. SD-74335-002	SHEET NO. 1 OF 2	SIZE B



Данный компонент на территории Российской Федерации

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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.

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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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