

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0740581032

Status:

Active

Overview:

[vhdm](#)

Description:

2.00mm (.079") Pitch VHDM® Board-to-Board Backplane Header, Vertical, 6-Row, Pin End Version, 60 Circuits, Pin Length 6.25mm (.246")

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

General

Product Family

Backplane Connectors

Series

74058

Application

Backplane

Application Tooling Documents

[TM-622010999.pdf](http://www.molex.com/pdm_docs/ats/TM-622010999.pdf)Tooling Manual

Comments

Keying Postion C

Component Type

PCB Header

Overview

[vhdm](#)

Product Name

VHDM®

Style

N/A

Physical

Circuits (Loaded)

60

Circuits (maximum)

60

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

No

Guide to Mating Part

Yes

Keying to Mating Part

Yes

Material - Metal

Beryllium Copper, High Performance Alloy (HPA),
Stainless Steel

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)

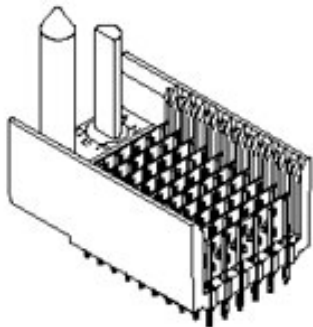
0.75

Polarized to PCB

Yes

Stackable

No



Series

image - Reference only

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

Mates With

74030 VHDM® Board-to-Board Daughtercard Receptacle

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 #
Flat Rock Tooling for Pneumatic Press	0622013700
VHDM® Insertion Module for Advanced Mate Signal Header, 6 Row by 11 Wide, 20.00mm (.787")	0622011101
VHDM® Signal Pin Inserter Repair Tool	0622015700

Surface Mount Compatible (SMC)
Temperature Range - Operating
Termination Interface: Style

Yes
105°C
Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact
Data Rate
Real Signals (per 25mm)
Shield Type
Shielded
Voltage - Maximum

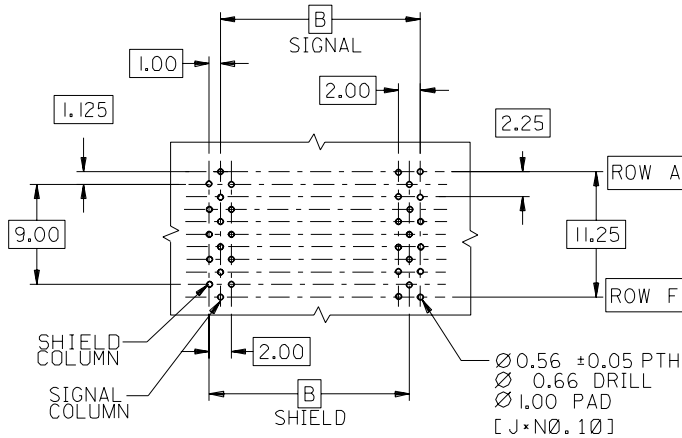
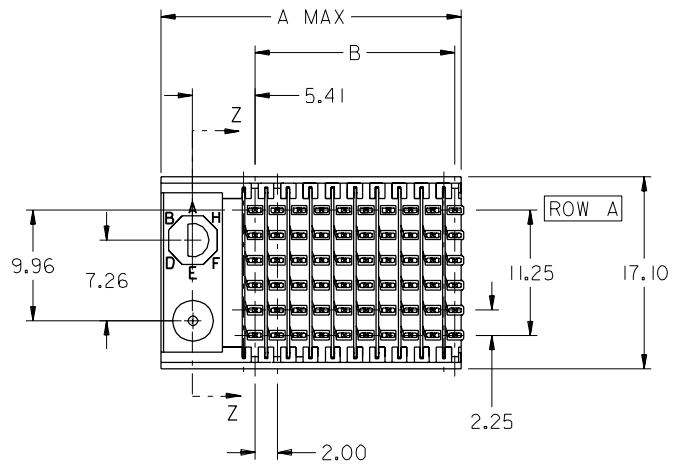
1A
3.125 Gbps
75
Ground Plane Shield
Yes
120V AC (RMS)/DC

Material Info

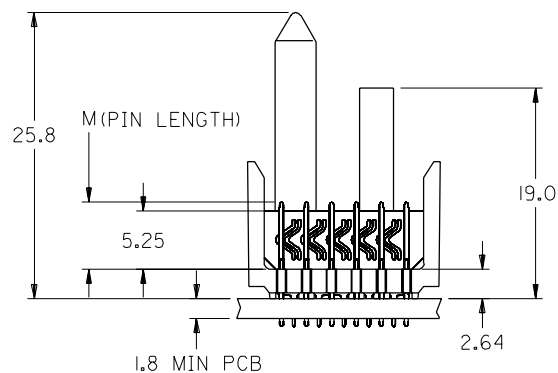
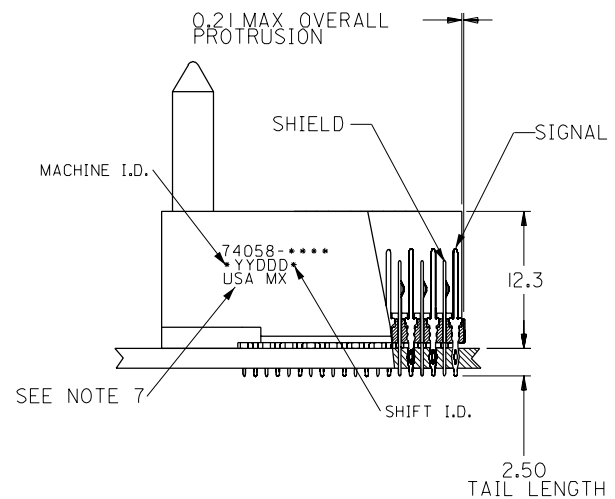
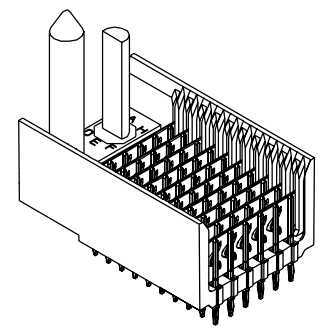
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VHDM® 6 Row Pin and Shield Repair
Tool
VHDM® 6 Row Shield Extraction
Tool
VHDM® Insertion Module for Advanced
Mate Signal Header,
6 Row by 10 Wide,
20.00mm (.787")
VHDM® Insertion Module for Advanced
Mate Signal Header,
6 Row by 10 Wide,
20.00mm (.787")

[0622015800](#)
[0622016000](#)
[0622020203](#)
[0622020207](#)

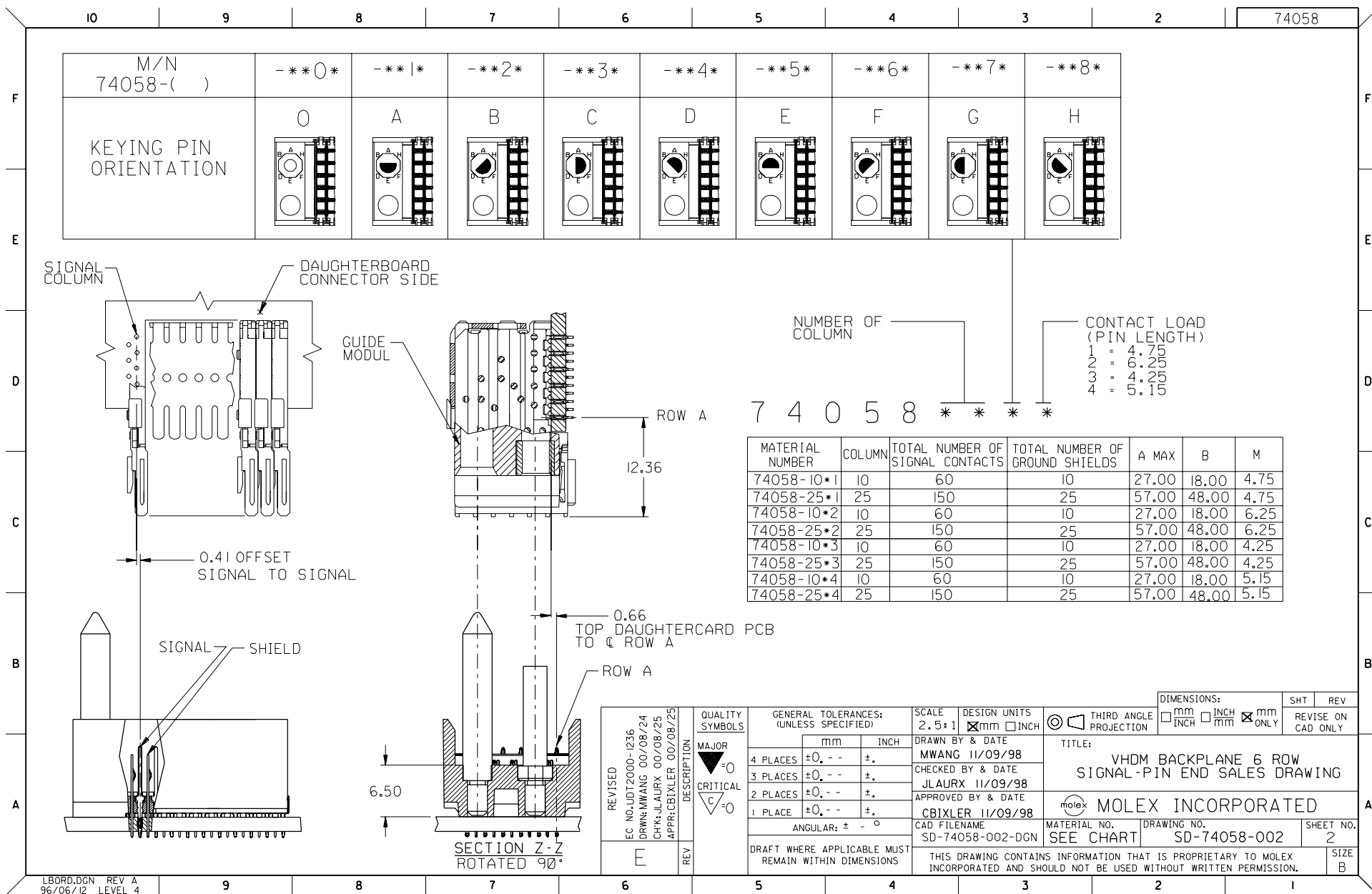


BACKPLANE HOLE PATTERN
RECOMMENDED DIMENSIONS



- NOTES:
1. MATERIALS:
HOUSING - GLASS-FILLED, UL 94V-0, COLOR: BLACK.
SIGNAL PIN & SHIELD - COPPER ALLOY
 2. FINISHES:
SELECTIVE GOLD (Au) IN CONTACT AREA, 0.00076mm MINIMUM THICKNESS; SELECTIVE TIN/LEAD (Sn/Pb) ON PCB TAILS, 0.00038-0.00125mm THICK; 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-74058-003.
 7. EITHER MARK PARTS WITH PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON THE TUBE.

REVISED EC NO. JDT2000-1236 DRWN: MWANG 00/08/24 CHKD: JLAURX 00/08/25 APPR: CBIXLER 00/08/25	DESCRIPTION	QUALITY SYMBOLS MAJOR CRITICAL C	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2.5:1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY		SHT REV	REVISE ON CAD ONLY		
					DRAWN BY & DATE MWANG 11/09/98		TITLE: VHDM BACKPLANE 6 ROW SIGNAL-PIN END SALES DRAWING						
					CHECKED BY & DATE JLAURX 11/09/98								
					APPROVED BY & DATE CBIXLER 11/09/98		 MOLEX INCORPORATED						
E	REV		4 PLACES ±0. - - ±.		CAD FILENAME SD-74058-002.DGN		MATERIAL NO. SEE SHEET 2	DRAWING NO. SD-74058-002	SHEET NO. 1 OF 2				
			3 PLACES ±0. - - ±.										
			2 PLACES ±0. - - ±.										
			1 PLACE ±0. - - ±.										
			ANGULAR: ± - °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B



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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