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Part Number: [0740581013](#)
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 4.75mm (.187")

Documents:
[Drawing \(PDF\)](#)

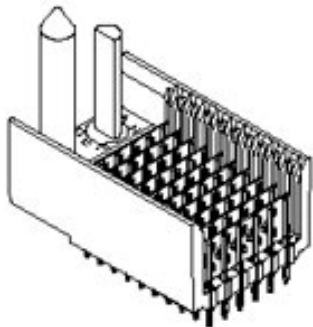
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	74058
Application	Backplane
Application Tooling Documents	Tooling Manual
Comments	Keying Postion A
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
Surface Mount Compatible (SMC)	Yes



Series

image - Reference only

EU RoHS

Not 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
[74058Series](#)

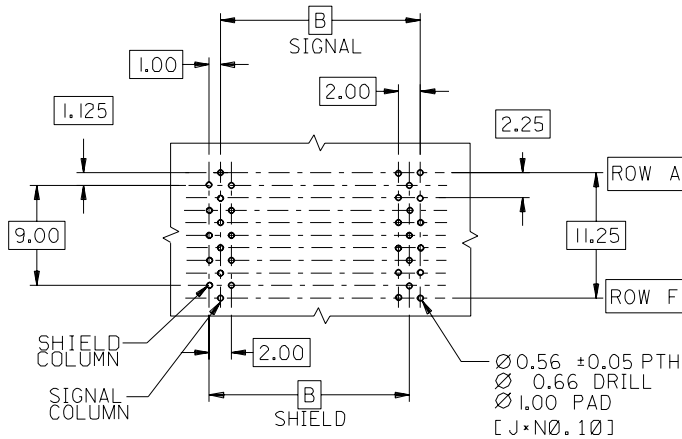
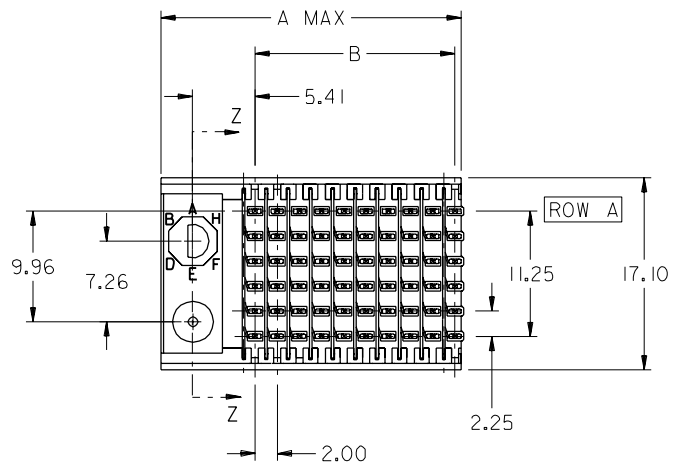
Mates With
74030 VHDM® Board-to-Board
Daughtercard Receptacle

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.

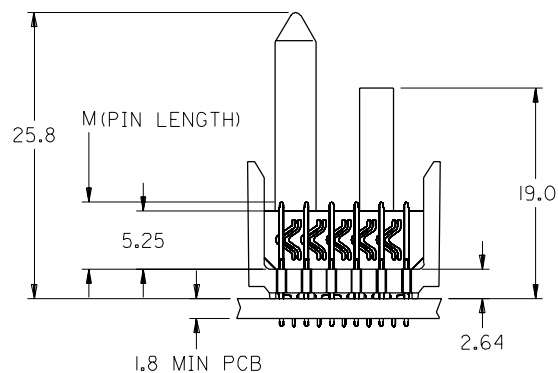
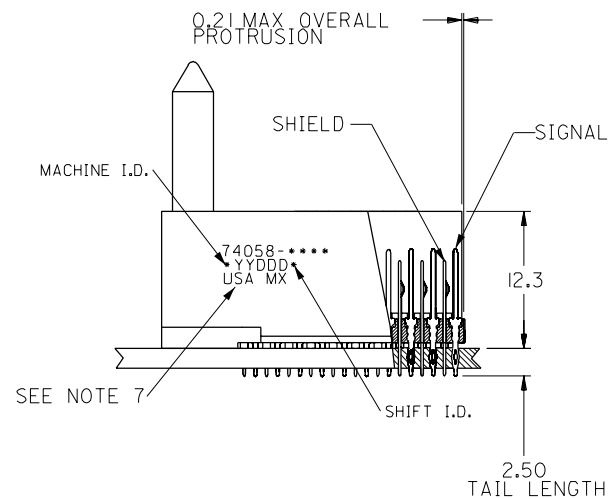
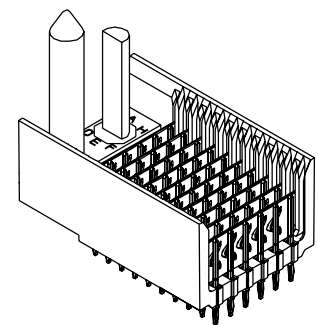
Global	Product #
Flat Rock Tooling for	0622013700
Pneumatic Press	
VHDM® Insertion	0622011101
Module for Advanced	
Mate Signal Header,	
6 Row by 11 Wide,	
20.00mm (.787")	
VHDM® Signal Pin	0622015700
Insertor Repair Tool	

Temperature Range - Operating	105°C	VHDM® 6 Row Pin	<u>0622015800</u>
Termination Interface: Style	Through Hole - Compliant Pin	and Shield Repair	
Electrical		Tool	
Current - Maximum per Contact	1A	VHDM® 6 Row	<u>0622016000</u>
Data Rate	3.125 Gbps	Shield Extraction	
Real Signals (per 25mm)	75	Tool	
Shield Type	Ground Plane Shield	VHDM® Insertion	<u>0622020203</u>
Shielded	Yes	Module for Advanced	
Voltage - Maximum	120V AC (RMS)/DC	Mate Signal Header,	
		6 Row by 10 Wide,	
		20.00mm (.787")	
Material Info		VHDM® Insertion	<u>0622020207</u>
VHDM and Very High Density Metric are trademarks of Amphenol Corporation		Module for Advanced	
		Mate Signal Header,	
		6 Row by 10 Wide,	
		20.00mm (.787")	

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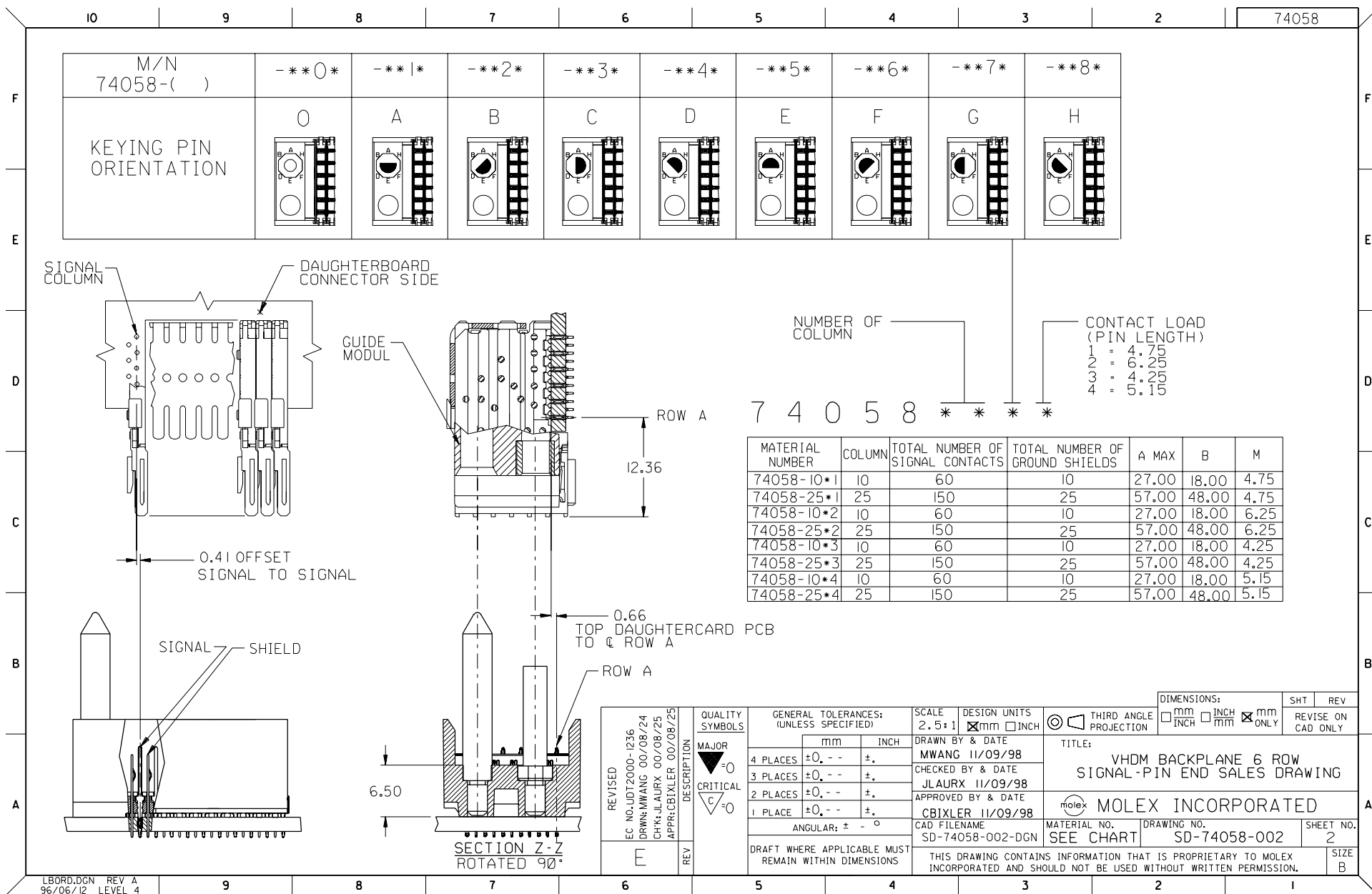
BACKPLANE HOLE PATTERN
RECOMMENDED DIMENSIONS



- 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.

2	E
1	E
SHT	REV
REVISE ON	CAD ONLY

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	GENERAL TOLERANCES; (UNLESS SPECIFIED)		SCALE 2.5:1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm ☐ INCH ☒ mm ONLY	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 MOLEX INCORPORATED			
E	REV		ANGULAR: ± °		CAD FILENAME SD-74058-002.DGN	MATERIAL NO. SEE SHEET 2	DRAWING NO. SD-74058-002	SHEET NO. 1 OF 2		
		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



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<http://moschip.ru/get-element>

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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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