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Part Number:

0740602506

Status:

Active

Overview:

[vhdm](#)

Description:

2.00mm (.079") Pitch VHDM® Board-to-Board Backplane Header, Vertical, 8-Row, Open Signal Module, 200 Circuits, Pin Length 4.75mm (.187")

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

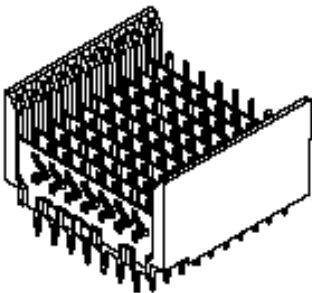
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	74060
Application	Backplane
Application Tooling Documents	Tooling Manual
Comments	Open Header
Component Type	PCB Header
Overview	vhdm
Product Name	VHDM®
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	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	8
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)	0.070 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
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	Yes
Surface Mount Compatible (SMC)	Yes



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

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

[74060Series](#)

Mates With

[74040 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.

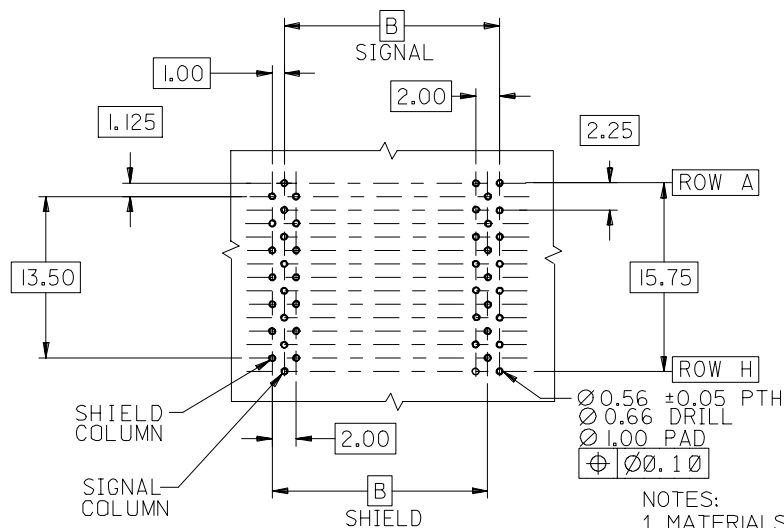
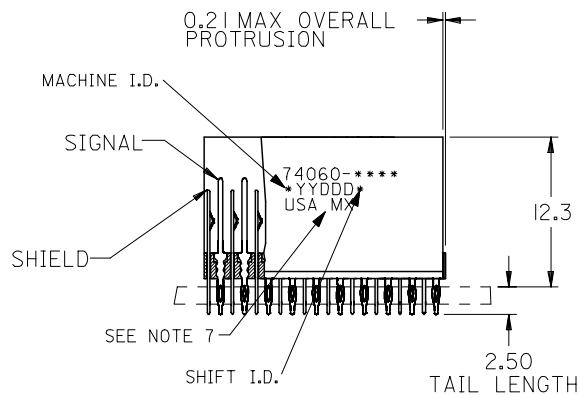
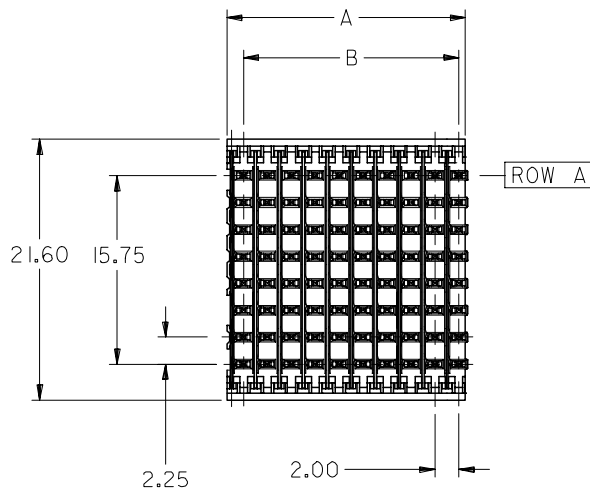
Global

Description	Product #
Flat Rock Tooling for Pneumatic Press	0622013700
VHDM® Signal Pin	0622015700
Insertor Repair Tool	
VHDM® 8 Row Pin and Shield Repair Tool	0622015900

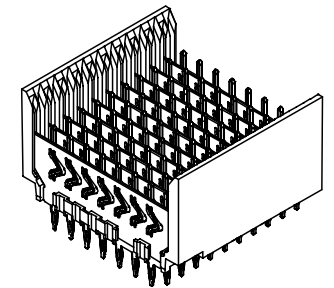
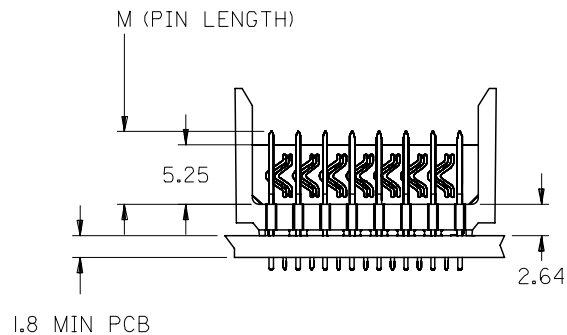
Temperature Range - Operating	-55°C to +105°C	VHDM® 8 Row	<u>0622016100</u>
Termination Interface: Style	Through Hole - Compliant Pin	Shield Extraction	Tool
Electrical		VHDM® Insertion	<u>0622020206</u>
Current - Maximum per Contact	3A	Module for Advanced	Mate Signal Header,
Data Rate	3.125 Gbps	6 Row by 25 Wide,	50.00mm (1.97")
Real Signals (per 25mm)	100	VHDM® Insertion	<u>0622020210</u>
Shield Type	Ground Plane Shield	Module for Standard	Shield Signal
Shielded	Yes	Header, 8 Row by	25 Wide, 50.00mm
Voltage - Maximum	120V AC (RMS)/DC	(1.97")	
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-74060-003		
Sales Drawing	SD-74060-002		
VHDM and Very High Density Metric are trademarks of Amphenol Corporation			

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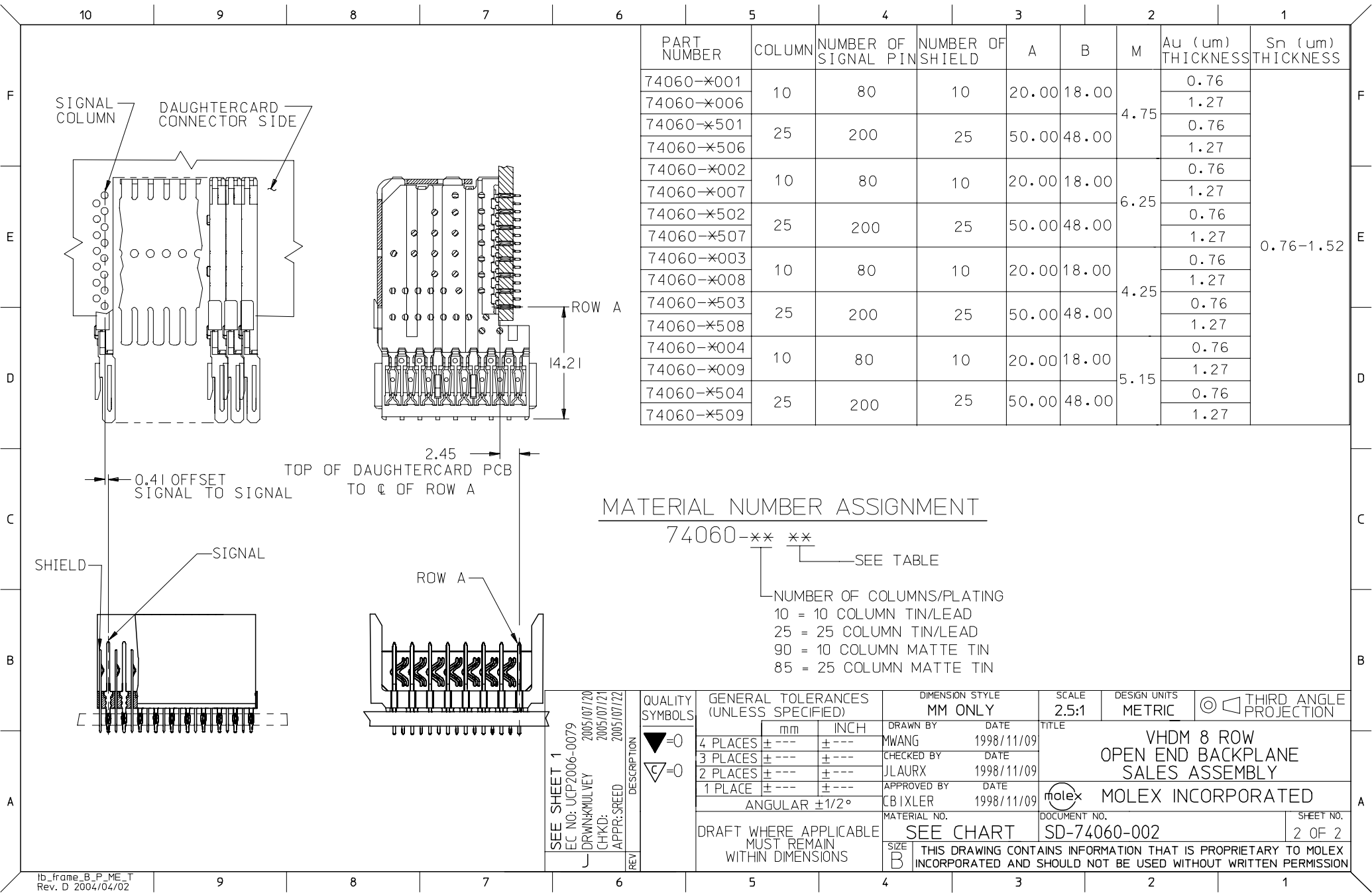


BACKPLANE HOLE PATTERN
RECOMMENDED DIMENSION



- NOTES:
- MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER (LCP).
GLASS-FILLED, UL 94V-0, COLOR: BLACK
SIGNAL PIN & SHIELD - COPPER ALLOY
 - FINISHES:
CONTACT AREA: SELECTIVE GOLD (Au)
PCB TAILS: SELECTIVE TIN/LEAD (Sn/Pb)
OR SELECTIVE MATTE TIN (Sn)
NICKEL (Ni) OVERALL.
 - THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999
 - FOR MIXED CONTACT LENGTHS CONSULT MOLEX FOR AVAILABILITY
 - FOR SPECIFIC MATERIAL NUMBERS & MATING INFORMATION REFER TO SHEET 2
 - PACKAGE PER PK-74060-003
 - EITHER MARK PART WITH PART NUMBER & DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON THE TUBE.

ADD LEADFREE PINS EC NO: UCP2006-0079 DRAWN: KMULVEY 2005/07/20 CHKD: 2005/07/21 APPR: SREED 2005/07/22	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY DATE			TITLE	
			4 PLACES	± ---	± ---	MWANG	1998/11/09	VHDM 8 ROW OPEN END BACKPLANE SALES ASSEMBLY			
			3 PLACES	± ---	± ---	CHECKED BY	DATE				
			2 PLACES	± ---	± ---	JLAURX	1998/11/09				
			1 PLACE	± ---	± ---	APPROVED BY	DATE	MOLEX INCORPORATED			
			ANGULAR ±1/2°		CBIXLER	1998/11/09					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
					SEE SHEET 2		SD-74060-002			1 OF 2	
		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
74060-*001	10	80	10	20.00	18.00	4.75	0.76	0.76-1.52
74060-*006							1.27	
74060-*501	25	200	25	50.00	48.00	6.25	0.76	
74060-*506							1.27	
74060-*002	10	80	10	20.00	18.00	4.25	0.76	
74060-*007							1.27	
74060-*502	25	200	25	50.00	48.00	5.15	0.76	
74060-*507							1.27	
74060-*003	10	80	10	20.00	18.00	4.75	0.76	
74060-*008							1.27	
74060-*503	25	200	25	50.00	48.00	6.25	0.76	
74060-*508							1.27	
74060-*004	10	80	10	20.00	18.00	5.15	0.76	
74060-*009							1.27	
74060-*504	25	200	25	50.00	48.00	4.75	0.76	
74060-*509							1.27	

MATERIAL NUMBER ASSIGNMENT

74060-**-**-**

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

SEE SHEET 1 EC NO: UCP2006-0079 DRW:KIMULVEY 2005/07/20 CHKD: 2005/07/21 APPR: SREED 2005/07/22	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	DIMENSION STYLE MM ONLY DRAWN BY DATE MWANG 1998/11/09 CHECKED BY DATE JLAURX 1998/11/09 APPROVED BY DATE CBIXLER 1998/11/09	SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE VHDM 8 ROW OPEN END BACKPLANE SALES ASSEMBLY	MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-74060-002	SHEET NO. 2 OF 2
REV	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



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Электрон
Связь**

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