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Part Number:

0761369001

Status:

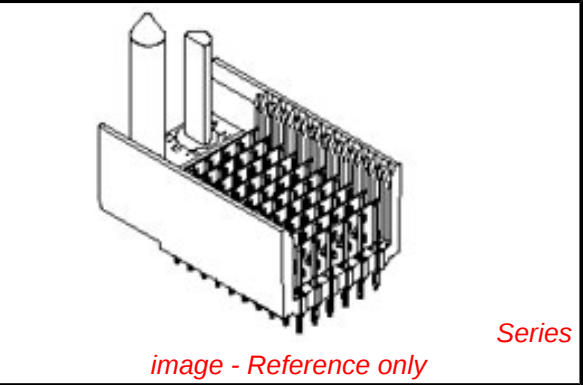
Active

Overview:

vhdm_h

Description:

2.00mm (.079") Pitch VHDM® H Board-to-Board Backplane Header, Vertical, 8-Row, Guide Pin, Shield End Module, Open End Version, 200 Circuits, Pin Length 4.75mm (.187"),Lead Free



Documents:

[Drawing \(PDF\)](#)

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

[Product Specification PS-74031-999 \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	76136
Application	Backplane
Comments	No Keying Position
Component Type	PCB Header
Overview	vhdm_h
Product Name	VHDM® - H Series
Style	N/A
Physical	
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Columns	10
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
PC Tail Length (in)	0.072 In
PC Tail Length (mm)	1.83 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.072 In
PCB Thickness Recommended (mm)	1.83 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.089 In
Pitch - Term. Interface (mm)	2.25 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	-55°C to +85°C

EU RoHS

ELV and 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

76136Series

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® Signal Pin	0622015700
Inserter Repair Tool	
VHDM® 8 Row Pin	0622015900
and Shield Repair Tool	
VHDM® 8 Row	0622016100
Shield Extraction Tool	
VHDM® Insertion	0622020209
Module for Standard Shield Signal Header, 8 Row by	

Termination Interface: Style	Through Hole - Compliant Pin	10 Wide, 20.00mm (.787")
Electrical		
Current - Maximum per Contact	1A	
Data Rate	6.25 Gbps	
Real Signals (per 25mm)	75	
Shield Type	Ground Plane Shield	
Shielded	Yes	
Voltage - Maximum	120V AC (RMS)/DC	
Material Info		
Reference - Drawing Numbers		
Packaging Specification	PK-74061-003	
Product Specification	PS-74031-999	
Sales Drawing	SD-76136-001	
VHDM and Very High Density Metric are trademarks of Amphenol Corporation		

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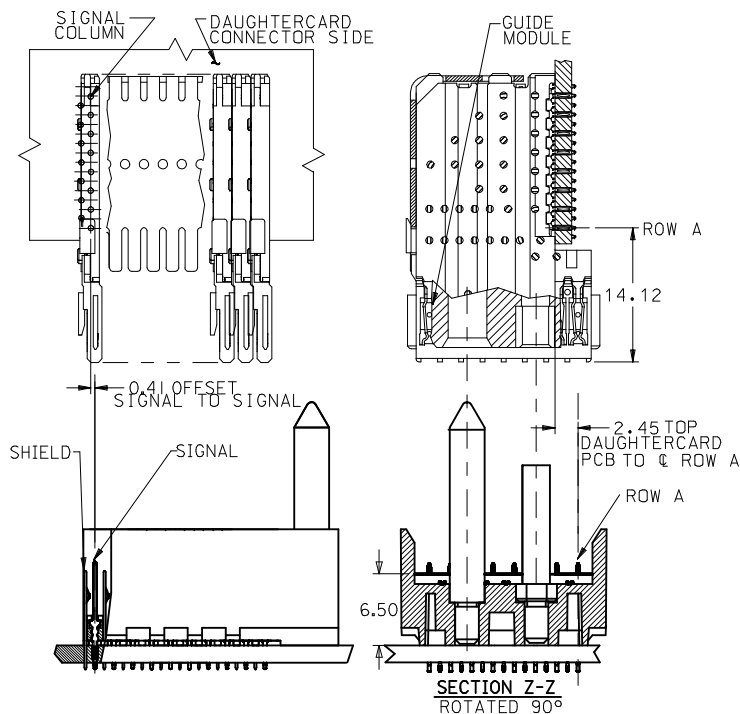
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M/N 76136-()	---0*	---1*	---2*	---3*	---4*	---5*	---6*	---7*	---8*
KEYING PIN ORIENTATION									

76136 - * * * *

NUMBER OF COLUMNS/PLATING
 10 = 10 COLUMN TIN/LEAD
 25 = 25 COLUMN TIN/LEAD
 90 = 10 COLUMN MATTE TIN
 85 = 25 COLUMN MATTE TIN

CONTACT LOAD
 (PIN LENGTH)
 1 & 6 = 4.75
 2 & 7 = 6.25
 3 & 8 = 4.25
 4 & 9 = 5.15



PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
76136-*0*1	10	80	10	27.00	18.00	4.75	0.76	0.76-1.52
76136-*0*6							1.27	
76136-*5*1	25	200	25	57.00	48.00		0.76	
76136-*5*6							1.27	
76136-*0*2	10	80	10	27.00	18.00	6.25	0.76	
76136-*0*7							1.27	
76136-*5*2	25	200	25	57.00	48.00		0.76	
76136-*5*7							1.27	
76136-*0*3	10	80	10	27.00	18.00	4.25	0.76	
76136-*0*8							1.27	
76136-*5*3	25	200	25	57.00	48.00		0.76	
76136-*5*8							1.27	
76136-*0*4	10	80	10	27.00	18.00	5.15	0.76	
76136-*0*9							1.27	
76136-*5*4	25	200	25	57.00	48.00		0.76	
76136-*5*9							1.27	

INITIAL RELEASE			QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
EC NO: UCP2008-2748			▽=0		mm INCH		DRAWN BY DATE		TITLE		VHDM H-SERIES 8 ROW SHIELD END BACKPLANE SALES DRAWING			
2008/12/01			▽=0		4 PLACES ± --- ± ---		JJONIAK 2008/04/11							
DRWN: JONIAK					3 PLACES ± --- ± ---		CHECKED BY DATE							
2008/12/02					2 PLACES ± 0.15 ± ---		BINGHAM 2008/04/11							
CHKD: JONIAK					1 PLACE ± 0.25 ± ---		APPROVED BY DATE							
2008/12/03					ANGULAR ±1/2°		BINGHAM 2008/04/11							
APPR: JLAURX					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
							SEE CHART		SD-76136-001		2 OF 2			
REV			DESCRIPTION				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					