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Part Number: [76136-8501](#)

Status: **Active**

Overview: [VHDM® H-Series Backplane Connectors](#)

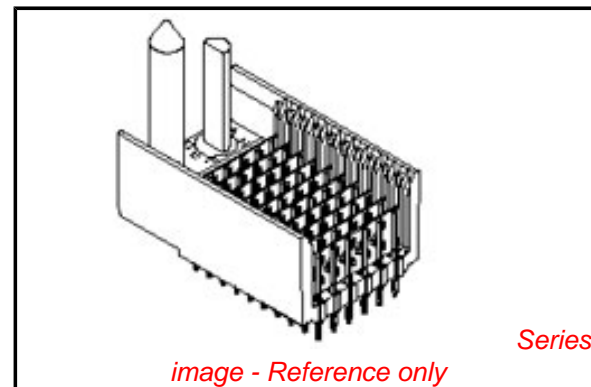
Description: 2.00mm Pitch VHDM® H-Series Single-Ended Board-to-Board Backplane Header, Vertical, 8-Row, Guide Pin, Shield End Module, Open End Version, 80 Circuits, Pin Length 4.75mm, Lead-Free. Series:74075 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

Documents:

[Drawing \(PDF\)](#)

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

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



General

Product Family	Backplane Connectors
Series	74061
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	No Keying Position
Component Type	PCB Header
Overview	VHDM® H-Series Backplane Connectors
Product Name	VHDM® - H Series
Style	N/A
UPC	884982238534

Physical

Circuits (Loaded)	200
Circuits (maximum)	200
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	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	16.294/g
Number of Columns	25
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
PC Tail Length	1.83mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.83mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen 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

[74061Series](#)

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 #
Signal Pin Inserter Repair Tool	0622015700
8-Row Pin and Shield Repair Tool	0622015900
8-Row Shield Extraction Tool	0622016100
Insertion Module for Standard Shield Signal Header, 8-Row by 25-Wide, 50.00mm	0622020210

Current - Maximum per Contact	3A
Data Rate	6.25 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-76136-001

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