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Part Number: [74062-8502](#)

Status: **Active**

Overview: [VHDM® Backplane Connector Systems](#)

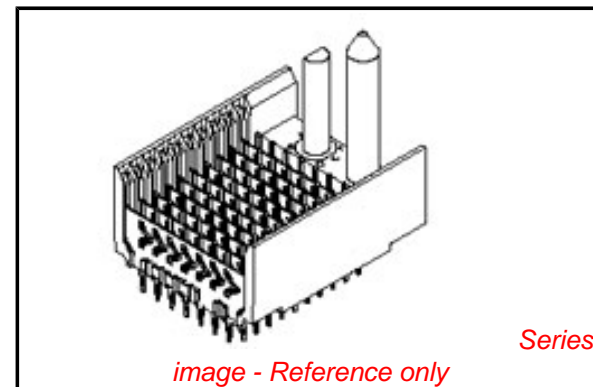
Description: 2.00mm Pitch VHDM® Single-Ended Board-to-Board Backplane Header, Vertical, 8-Row, Guide Pin Signal Module, Shield End Version, Lead-Free, 200 Circuits, Pin Length 6.25mm. Series:74075 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

Documents:

[Drawing \(PDF\)](#)

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

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



Agency Certification

CSA LR19980

General

| | |
|-------------------------------|---|
| Product Family | Backplane Connectors |
| Series | 74062 |
| Application | Backplane |
| Application Tooling Documents | TM-622010999 |
| Comments | No Keying Position |
| Component Type | PCB Header |
| Overview | VHDM® Backplane Connector Systems |
| Product Name | VHDM® |
| Style | N/A |
| UPC | 822350711869 |

Physical

| | |
|--------------------------------|---|
| Circuits (Loaded) | 200 |
| Circuits (maximum) | 200 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Guide to Mating Part | Yes |
| Keying to Mating Part | None |
| Material - Metal | Beryllium Copper, High Performance Alloy (HPA), Stainless Steel |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 17.520/g |
| Number of Columns | 25 |
| Number of Pairs | Open Pin Field |
| Number of Rows | 8 |
| Orientation | Vertical |
| PC Tail Length | 2.50mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.80mm |
| 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 |

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

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

[74062Series](#)

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 # |
|---------------------------------------|----------------------------|
| 8-Row Pin and Shield Repair Tool | 0622015900 |
| Flat Rock Tooling for Pneumatic Press | 0622013700 |
| Signal Pin Inserter Repair Tool | 0622015700 |
| 8-Row Shield Extraction Tool | 0622016100 |
| Insertion Module for Advanced Mate | 0622020206 |

Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 3A
Data Rate 3.125 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-74062-002

VHDM and Very High Density Metric are trademarks of Amphenol Corporation

Signal Header, 6-
Row by 25-Wide,
50.00mm
Insertion Module 0622020210
for Standard Shield
Signal Header, 8-
Row by 25-Wide,
50.00mm

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