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**Part Number:** [0751941003](#)  
**Status:** **Active**  
**Overview:** VHDM® L-Series Backplane Connectors  
**Description:** VHDM® L-Series Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Row, Open Signal Module, 60 Circuits, Pin Length 4.25m, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-74057-003 \(PDF\)](#)  
[Product Specification PS-74031-999 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

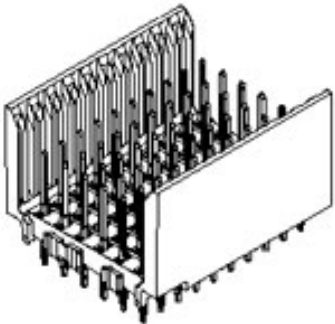
|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Product Family                | Backplane Connectors                                |
| Series                        | <a href="#">75194</a>                               |
| Application                   | Backplane                                           |
| Application Tooling Documents | TM-622010999                                        |
| Comments                      | Open Header                                         |
| Component Type                | PCB Header                                          |
| Overview                      | <a href="#">VHDM® L-Series Backplane Connectors</a> |
| Product Name                  | VHDM® L-Series                                      |
| UPC                           | 756054732533                                        |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 60                             |
| Circuits (maximum)             | 60                             |
| 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               | High Performance Alloy (HPA)   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.438/g                        |
| Number of Columns              | 10                             |
| Number of Pairs                | Open Pin Field                 |
| Number of Rows                 | 6                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 2.50mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.80mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.00mm                         |
| Pitch - Termination Interface  | 2.00mm                         |
| 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 +105°C                |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.0A             |
| Data Rate                     | 622.0 Mbps       |
| Voltage - Maximum             | 120V AC (RMS)/DC |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

[75194](#) Series

**Mates With**

[75189](#) VHDM® L-Series Board-to-Board  
Daughtercard

**Use With**

Daughtercard Modules

**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**

Insertion Module  
for Advanced Mate  
Signal Header, 6-

**Product #**

[0622020207](#)

**Solder Process Data**

Lead-freeProcess CapabilityN/A

**Material Info**

**Reference - Drawing Numbers**

Packaging SpecificationPK-74057-003  
Product SpecificationPS-74031-999  
Sales DrawingSD-75194-001

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

Row by 10-Wide,  
20.00mm  
Signal Pin Inserter 0622015700  
Repair Tool

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