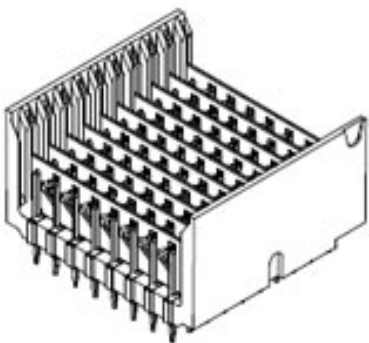




**Part Number :** [761349001](#)  
**Product Description :** VHDM H-Series Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8 Rows, Signal Module, Open End Version, 80 Circuits, Pin Length 4.75mm  
**Series Number :** 76134  
**Status :** Active  
**Product Category :** Backplane Connectors



## Documents & Resources

**Drawings**  
[761349001\\_sd.pdf](#)  
[PK-74060-003-001.pdf](#)

**Specifications**  
[PS-74031-999-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 2024)                                        |
| EU RoHS            | Compliant per EU 2015/863                                                             |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |                                                                                                                                                             |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                                      |
| Category       | Backplane Connectors                                                                                                                                        |
| Series         | 76134                                                                                                                                                       |
| Description    | VHDM H-Series Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8 Rows, Signal Module, Open End Version, 80 Circuits, Pin Length 4.75mm |
| Application    | Backplane                                                                                                                                                   |
| Comments       | No Keying Position                                                                                                                                          |
| Component Type | PCB Header                                                                                                                                                  |
| Product Name   | VHDM H-Series                                                                                                                                               |
| UPC            | 884982231771                                                                                                                                                |

#### Electrical

|                               |                     |
|-------------------------------|---------------------|
| Current - Maximum per Contact | 1.0A                |
| Data Rate                     | 6.25 Gbps           |
| Shield Type                   | Ground Plane Shield |
| Shielded                      | Yes                 |
| Voltage - Maximum             | 120V AC (RMS)/DC    |

#### 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 | Matte Tin                      |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 5.100/g                        |
| Number of Columns              | 10                             |
| Number of Pairs                | Open Pin Field                 |
| Number of Rows                 | 8                              |
| Orientation                    | Vertical                       |
| Packaging Type                 | Tube                           |
| PC Tail Length                 | 1.83mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| Pitch - Mating Interface       | 2.00mm                         |
| Pitch - Termination Interface  | 1.00mm                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 0.762µm                        |
| Polarized to PCB               | Yes                            |
| Stackable                      | No                             |
| Temperature Range - Operating  | -55° to +85°C                  |
| Termination Interface Style    | Through Hole - Compliant Pin   |

## Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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## Application Tooling

### Global

| Description                      | Part Number      |
|----------------------------------|------------------|
| Signal Pin Inserter Repair Tool  | <u>622015700</u> |
| 8-Row Pin and Shield Repair Tool | <u>622015900</u> |