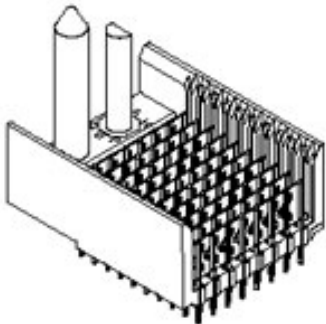


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**Part Number:** [0740612502](#)  
**Status:** **Active**  
**Overview:** [VHDM Backplane Connector Systems](#)  
**Description:** 2.00mm Pitch VHDM Single-Ended Board-to-Board Backplane Header, Vertical, 8 Rows, Guide Pin Signal Module, Pin End Version, 200 Circuits, 25 Columns, Pin Length 6.25mm

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-74031-999-001 \(PDF\)](#)  
[Packaging Specification PK-74061-003 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                                                 |
|--------------------------------|-----------------------------------------------------------------|
| <b>General</b>                 |                                                                 |
| Product Family                 | Backplane Connectors                                            |
| Series                         | <a href="#">74061</a>                                           |
| Application                    | Backplane                                                       |
| Application Tooling Documents  | TM-622010999                                                    |
| Comments                       | No Keying Position, No Keying Position                          |
| Component Type                 | PCB Header                                                      |
| Overview                       | <a href="#">VHDM Backplane Connector Systems</a>                |
| Product Name                   | VHDM                                                            |
| UPC                            | 800754780995                                                    |
| <b>Physical</b>                |                                                                 |
| 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               | Beryllium Copper, High Performance Alloy (HPA), Stainless Steel |
| Material - Plating Mating      | Gold                                                            |
| Material - Plating Termination | Tin-Lead                                                        |
| Material - Resin               | High Temperature Thermoplastic                                  |
| Net Weight                     | 16.694/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                                                             |
| Surface Mount Compatible (SMC) | Yes                                                             |
| Temperature Range - Operating  | 105°C max                                                       |
| Termination Interface: Style   | Through Hole - Compliant Pin                                    |
| <b>Electrical</b>              |                                                                 |
| Current - Maximum per Contact  | 3.0A                                                            |



Series image - Reference only

|                                                                                                                                                                                                                                               |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                                                                                                                          |                                                                                               |
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per -<br>ED/61/2018 (27 June<br>2018)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Low-Halogen</b><br>For more information, please visit <a href="#">Contact US</a> | <b>China RoHS</b><br><br><br><br><br><br><br><br><br><br>China ROHS<br>ELV<br>RoHS Phthalates |
|                                                                                                                                                                                                                                               | Green Image<br>Not Relevant<br>Not Contained                                                  |

**Search Parts in this Series**  
[74061](#) Series

**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.*

| <b>Global</b>                                                      |                           |
|--------------------------------------------------------------------|---------------------------|
| Description                                                        | Product #                 |
| Signal Pin Inserter Repair Tool                                    | <a href="#">622015700</a> |
| 8-Row Pin and Shield Repair Tool                                   | <a href="#">622015900</a> |
| 8-Row Shield Extraction Tool                                       | <a href="#">622016100</a> |
| Insertion Module for Advanced Mate Signal Header, 8-Row by 25-Wide | <a href="#">622020206</a> |

|                                    |                     |                     |                  |
|------------------------------------|---------------------|---------------------|------------------|
| Data Rate                          | 3.125 Gbps          | Insertion Module    | <u>622020210</u> |
| Shield Type                        | Ground Plane Shield | for Standard Shield |                  |
| Shielded                           | Yes                 | Signal Header, 8-   |                  |
| Voltage - Maximum                  | 120V AC (RMS)/DC    | Row by 25-Wide,     |                  |
|                                    |                     | 50.00mm             |                  |
| <b>Solder Process Data</b>         |                     |                     |                  |
| Lead-freeProcess Capability        | N/A                 |                     |                  |
| <b>Material Info</b>               |                     |                     |                  |
| <b>Reference - Drawing Numbers</b> |                     |                     |                  |
| Packaging Specification            | PK-74061-003        |                     |                  |
| Product Specification              | PS-74031-999-001    |                     |                  |
| Sales Drawing                      | SD-74061-002        |                     |                  |

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