

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0740589014](#)  
**Status:** **Active**  
**Overview:** [VHDM Backplane Connector Systems](#)  
**Description:** VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6 Rows, Guide Pin Signal Module, Pin End Version, 60 Circuits, 10 Columns, Pin Length 5.15mm, Key Orientation A

**Documents:**  
[Drawing \(PDF\)](#) [Packaging Specification PK-74058-003 \(PDF\)](#)  
[Product Specification PS-74031-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

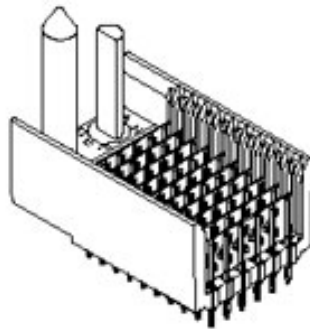
Product Family Backplane Connectors  
Series [74058](#)  
Application Backplane  
Application Tooling Documents TM-622010999  
Comments Keying Position, Keying Position  
Component Type PCB Header  
Overview [VHDM Backplane Connector Systems](#)  
Product Name VHDM  
UPC 822350225236

**Physical**

Circuits (Loaded) 60  
Circuits (maximum) 60  
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 Yes  
Material - Plating Mating Gold  
Material - Plating Termination Matte Tin  
Net Weight 7.950/g  
Number of Columns 25  
Number of Pairs Open Pin Field  
Number of Rows 6  
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  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 2.0A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS Green Image  
ELV Not Relevant  
RoHS Phthalates Not Contained

**Search Parts in this Series**

[74058](#) Series

**Mates With**

[74030](#) 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 #                 |
|-----------------------------------------------------------------------------|---------------------------|
| Insertion Module for Advanced Mate Signal Header, 6-Row by 11-Wide, 20.00mm | <a href="#">622011101</a> |
| Signal Pin Inserter Repair Tool                                             | <a href="#">622015700</a> |
| 6-Row Pin and Shield Repair Tool                                            | <a href="#">622015800</a> |

|                                    |                     |                   |                  |
|------------------------------------|---------------------|-------------------|------------------|
| Data Rate                          | 3.125 Gbps          | 6-Row Shield      | <u>622016000</u> |
| Shield Type                        | Ground Plane Shield | Extraction Tool   |                  |
| Shielded                           | Yes                 | Insertion Module  | <u>622020203</u> |
| Voltage - Maximum                  | 120V AC (RMS)/DC    | for Advanced Mate |                  |
| <b>Solder Process Data</b>         |                     | Signal Header, 6- |                  |
| Lead-freeProcess Capability        | N/A                 | Row by 10-Wide,   |                  |
| <b>Material Info</b>               |                     | 20.00mm           |                  |
| <b>Reference - Drawing Numbers</b> |                     | Insertion Module  | <u>622020207</u> |
| Packaging Specification            | PK-74058-003        | for Advanced Mate |                  |
| Product Specification              | PS-74031-999-001    | Signal Header, 6- |                  |
| Sales Drawing                      | SD-74058-002        | Row by 10-Wide,   |                  |
|                                    |                     | 20.00mm           |                  |

This document was generated on 09/27/2019

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

74058-9014