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Part Number: [74057-1004](#)
Status: **Active**
Overview: VHDM® Backplane Connector Systems
Description: 2.00mm Pitch VHDM® Single-Ended Board-to-Board Backplane Header, Vertical, 6-Row, Open Signal Module, 60 Circuits, 10 Columns, Pin Length 5.15mm, 0.76µm Gold Plating. Series:74074 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

Documents:

[3D Model](#) [Product Specification PS-74031-999 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

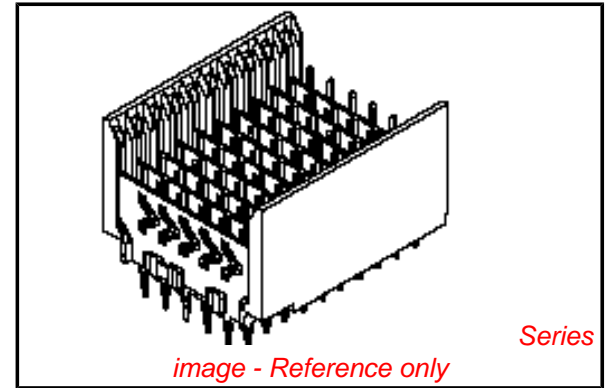
UL E29179

General

Product Family Backplane Connectors
 Series [74057](#)
 Application Backplane
 Application Tooling Documents TM-622010999
 Comments Open Header
 Component Type PCB Header
 Overview [VHDM® Backplane Connector Systems](#)
 Product Name VHDM®
 Style N/A
 UPC 800753258884

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 No
 Keying to Mating Part None
 Material - Metal Beryllium Copper, High Performance Alloy (HPA)
 Material - Plating Mating Gold
 Material - Plating Termination Tin-Lead
 Material - Resin High Temperature Thermoplastic
 Net Weight 4.298/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 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



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

[74057Series](#)

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 Flat Rock Tooling for Pneumatic Press | 0622011101 |
| Signal Pin Inserter Repair Tool | 0622015700 |

Temperature Range - Operating 105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 2A
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-74057-002

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| | |
|---|----------------------------|
| 6-Row Pin and Shield Repair Tool | 0622015800 |
| 6-Row Shield Extraction Tool | 0622016000 |
| Insertion Module for Advanced Mate Signal Header, 6-Row by 10-Wide, 20.00mm | 0622020203 |
| Insertion Module for Advanced Mate Signal Header, 6-Row by 10-Wide, 20.00mm | 0622020207 |

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