

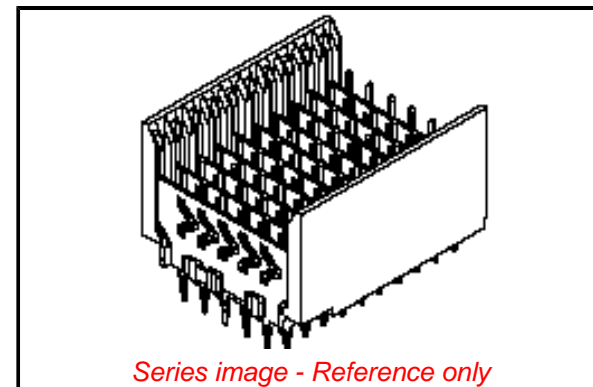
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Part Number: [0740579001](#)

Status: **Active**

Overview: VHDM Backplane Connector Systems

Description: VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Open Signal Module, 60 Circuits, 10 Columns, Pin Length 4.75mm, 0.76µm Gold (Au) Plating, Series:74074 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm



Series image - Reference only

Documents:

[3D Model](#) [Packaging Specification PK-74057-003 \(PDF\)](#)
[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 Backplane Header Module, Signal, Open, Backplane Header Module, Signal, Open
Component Type PCB Header
Overview [VHDM Backplane Connector Systems](#)
Product Name VHDM
UPC 800756702193

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 Matte Tin
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
Temperature Range - Operating 105°C

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[74057](#) 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	622011101
Signal Pin Inserter Repair Tool	622015700
6-Row Pin and Shield Repair Tool	622015800

Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 2.0A
Data Rate 3.125 Gbps
Shield Type Ground Plane Shield
Shielded Yes
Voltage - Maximum 120V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-74057-003
Sales Drawing SD-74057-002

6-Row Shield Extraction Tool	622016000
Insertion Module for Advanced Mate Signal Header, 6-Row by 10-Wide, 20.00mm	622020203
Insertion Module for Advanced Mate Signal Header, 6-Row by 25-Wide, 50.00mm	622020204
Insertion Module for Advanced Mate Signal Header, 6-Row by 10-Wide, 20.00mm	622020207

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