

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0740589002

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 6.25mm

Documents:

Drawing (PDF)

Product Specification PS-74031-999-001 (PDF)

Packaging Specification PK-74058-003-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Comments

Component Type

Data Rate

Overview

Product Name

Taxonomy

UPC

Backplane Connectors

74058

Backplane

TM-622010999-001

No Keying Position

PCB Header

3.125 Gbps

VHDM Backplane Connector Systems

VHDM

Backplane Connectors

822350227858

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Plating Mating

Material - Plating Termination

Net Weight

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

60

60

Black

200

No

94V-0

Yes

None

Gold

Matte Tin

7.172/g

25

Open Pin Field

6

Vertical

2.50mm

No

None

1.80mm

Tube

2.00mm

1.00mm

0.762µm

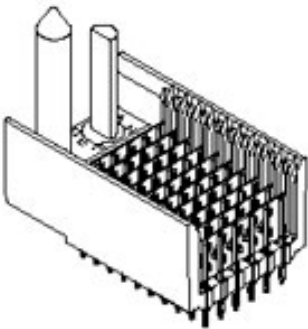
0.762µm

Yes

Yes

105°C

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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 #
Signal Pin Inserter	622015700
Repair Tool	
6-Row Pin and	622015800
Shield Repair Tool	
6-Row Shield	622016000
Extraction Tool	

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-74058-003-001
Product Specification	PS-74031-999-001
Sales Drawing	SD-74058-002-001

This document was generated on 08/27/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION