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Part Number: [0740629004](#)
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, Shield End Version, Lead-Free, Pin End Version, Lead-Free, 80 Circuits, 10 Columns, Pin Length 5.15mm

Documents:

[3D Model](#) [Packaging Specification PK-74061-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model \(PDF\)](#)

Agency Certification

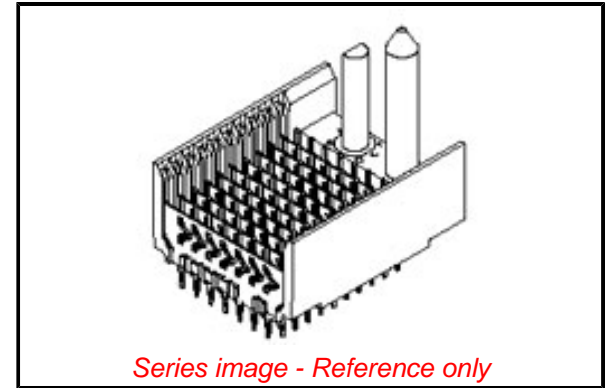
CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [74062](#)
 Application Backplane
 Application Tooling Documents TM-622010999
 Comments No Keying Position
 Component Type PCB Header
 Overview [VHDM Backplane Connector Systems](#)
 Product Name VHDM
 UPC 883906282820

Physical

Circuits (Loaded) 80
 Circuits (maximum) 80
 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 None
 Material - Metal Beryllium Copper, High Performance Alloy (HPA), Stainless Steel
 Material - Plating Mating Gold
 Material - Plating Termination Matte Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 8.352/g
 Number of Columns 10
 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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ECHA_01_2020 (16
 January 2020

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

[74062](#) 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.

Global

Description	Product #
Signal Pin Inserter Repair Tool	622015700
8-Row Pin and Shield Repair Tool	622015900
8-Row Shield Extraction Tool	622016100
Insertion Module for Advanced Mate Signal Header, 8-	622020205

Temperature Range - Operating
Termination Interface: Style

-55° to +105°C
Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact
Data Rate
Shield Type
Shielded
Voltage - Maximum

3.0A
3.125 Gbps
Ground Plane Shield
Yes
120V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-74061-003
SD-74062-002

Row by 10-Wide,
20.00mm

Insertion Module 622020209
for Standard Shield
Signal Header, 8-
Row by 10-Wide,
20.00mm

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