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**Part Number:** [0740582611](#)

**Status:** **Active**

**Overview:** [VHDM® Backplane Connector Systems](#)

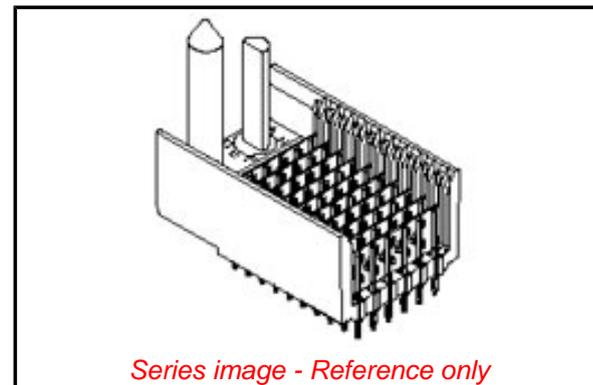
**Description:** VHDM® Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Guide Pin Signal Module, Pin End Version, 150 Circuits, Advance Mate Shield, Pin Length 4.75mm. Series:74074 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15, and 6.25mm

**Documents:**

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-74031-999 \(PDF\)](#)



Series image - Reference only

**General**

Product Family	Backplane Connectors
Series	<a href="#">74058</a>
Application	Backplane
Application Tooling Documents	<a href="#">TM-622010999</a>
Comments	Advanced mate shield chevron can be used for the first mate last break (FMLB) grounding application.
Component Type	PCB Header
Overview	<a href="#">VHDM® Backplane Connector Systems</a>
Product Name	VHDM®
UPC	756054475805

**Physical**

Circuits (Loaded)	150
Circuits (maximum)	150
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	14.666/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
Data Rate	3.125 Gbps
Shield Type	Ground Plane Shield

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**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 25-Wide, 50.00mm	<a href="#">0622020204</a>
Insertion Module for Standard Shield	<a href="#">0622020208</a>

Shielded Yes  
Voltage - Maximum 120V AC (RMS)/DC

Signal Header, 6-  
Row by 25-Wide,  
50.00mm

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-74031-999

Sales Drawing SD-74058-003

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