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Part Number: **0740582513**
Status: **Active**
Overview: VHDM® Backplane Connectors
Description: 2.00mm Pitch VHDM® Single-Ended Board-to-Board Backplane Header, Vertical, 6-Row, Pin End Version, 150 Circuits, Pin Length 4.75mm

Documents:

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

General

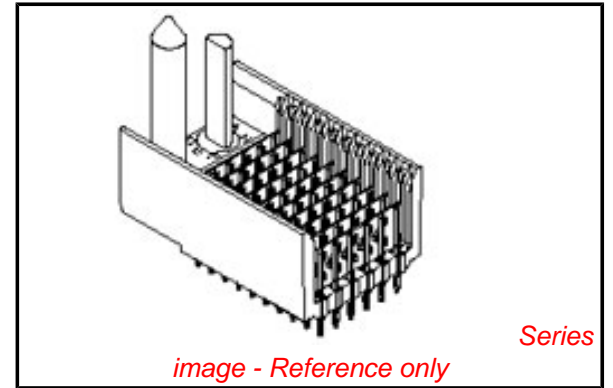
Product Family	Backplane Connectors
Series	74058
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Keying Postion A
Component Type	PCB Header
Overview	VHDM® Backplane Connectors
Product Name	VHDM®
Style	N/A

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 - Metal	Beryllium Copper, High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
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	2A
Data Rate	3.125 Gbps
Shield Type	Ground Plane Shield



EU RoHS	China RoHS
Not RoHS Compliant	
REACH SVHC	
Not Reviewed	
Low-Halogen Status	
Not Reviewed	

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

74058Series

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 #
Flat Rock Tooling for	0622013700
Pneumatic Press	
VHDM® Signal Pin	0622015700
Insertor Repair Tool	
VHDM® 6 Row Pin	0622015800
and Shield Repair Tool	
VHDM® 6 Row	0622016000
Shield Extraction Tool	

Shielded
Voltage - Maximum

Yes
120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-74031-999
SD-74058-002

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VHDM® Insertion 0622020204
Module for Advanced
Mate Signal Header,
6 Row by 25 Wide,
50.00mm
VHDM® Insertion 0622020208
Module for Standard
Shield Signal
Header, 6 Row by 25
Wide, 50.00mm

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