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Part Number: 74058-9074

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, Pin Length 5.15mm. 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)
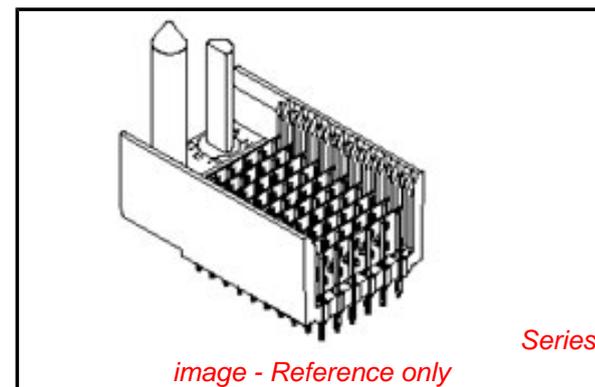Product Specification PS-74031-999 (PDF)

Series
image - Reference only

Agency Certification

UL	E29179

General

Product Family	Backplane Connectors
Series	74058
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Keying Position
Component Type	PCB Header
Overview	VHDM® Backplane Connector Systems
Product Name	VHDM®
Style	N/A
UPC	822350225212

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	Yes
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	7.950/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

EU RoHS   **China RoHS**

ELV and RoHS Compliant

REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

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 #
Insertion Module for Advanced Mate Signal Header, 6-Row by 11-Wide, 20.00mm	0622011101
Flat Rock Tooling for Pneumatic Press	0622013700
Signal Pin Inserter Repair Tool	0622015700

Electrical

Current - Maximum per Contact	2A
Data Rate	3.125 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-74058-002

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6-Row Pin and Shield Repair Tool	0622015800
6-Row Shield Extraction Tool	0622016000
Insertion Module for Advanced Mate Signal Header, 6-Row by 10-Wide, 20.00mm	0622020203
Insertion Module for Advanced Mate Signal Header, 6-Row by 10-Wide, 20.00mm	0622020207

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