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Part Number: [0740589074](#)
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 5.15mm, Key Orientation G

Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-74058-003 \(PDF\)](#)
[Product Specification PS-74031-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

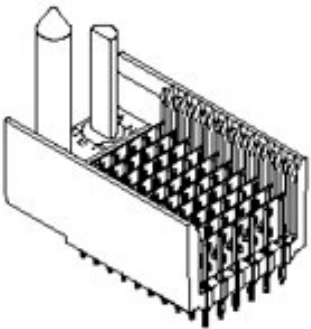
Product Family Backplane Connectors
Series [74058](#)
Application Backplane
Application Tooling Documents TM-622010999
Comments Keying Position, Keying Position
Component Type PCB Header
Overview [VHDM Backplane Connector Systems](#)
Product Name VHDM
UPC 822350225212

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

Electrical

Current - Maximum per Contact 2.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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 #
Insertion Module for Advanced Mate Signal Header, 6-Row by 11-Wide, 20.00mm	622011101
Signal Pin Inserter Repair Tool	622015700
6-Row Pin and Shield Repair Tool	622015800

Data Rate	3.125 Gbps	6-Row Shield	<u>622016000</u>
Shield Type	Ground Plane Shield	Extraction Tool	
Shielded	Yes	Insertion Module	<u>622020203</u>
Voltage - Maximum	120V AC (RMS)/DC	for Advanced Mate	
Solder Process Data		Signal Header, 6-	
Lead-freeProcess Capability	N/A	Row by 10-Wide,	
Material Info		20.00mm	
Reference - Drawing Numbers		Insertion Module	<u>622020207</u>
Packaging Specification	PK-74058-003	for Advanced Mate	
Product Specification	PS-74031-999-001	Signal Header, 6-	
Sales Drawing	SD-74058-002	Row by 10-Wide,	
		20.00mm	

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