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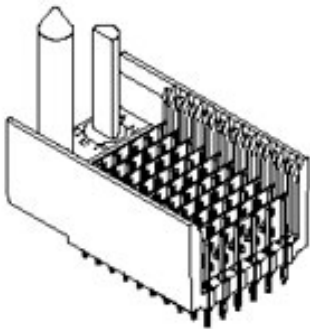
Part Number: [0740588504](#)
Status: **Active**
Overview: [VHDM Backplane Connector Systems](#)
Description: VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6 Rows, Guide Pin Signal Module, Pin End Version, 150 Circuits, 25 Columns, Pin Length 5.15mm

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

General
Product Family Backplane Connectors
Series [74058](#)
Application Backplane
Application Tooling Documents TM-622010999
Comments No Keying Position
Component Type PCB Header
Overview [VHDM Backplane Connector Systems](#)
Product Name VHDM
UPC 822350118217

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 None
Material - Plating Mating Gold
Material - Plating Termination Matte Tin
Net Weight 13.368/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
Shielded Yes
Voltage - Maximum 120V AC (RMS)/DC



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per - ECHA_01_2020 (16 January 2020 Halogen-Free Status Low-Halogen	China RoHS China ROHS Green Image ELV Not Relevant RoHS Phthalates Not Contained
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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 #
Signal Pin Inserter	622015700
Repair Tool	
6-Row Pin and	622015800
Shield Repair Tool	
6-Row Shield	622016000
Extraction Tool	
Insertion Module	622020204
for Advanced Mate	
Signal Header, 6-	

Solder Process Data		N/A	Row by 25-Wide, 50.00mm Insertion Module <u>622020208</u> for Standard Shield Signal Header, 6- Row by 25-Wide, 50.00mm
Lead-freeProcess Capability			
Material Info			
Reference - Drawing Numbers			
Packaging Specification		PK-74058-003	
Product Specification		PS-74031-999-001	
Sales Drawing		SD-74058-002	

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