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Part Number:

0740592504

Status:

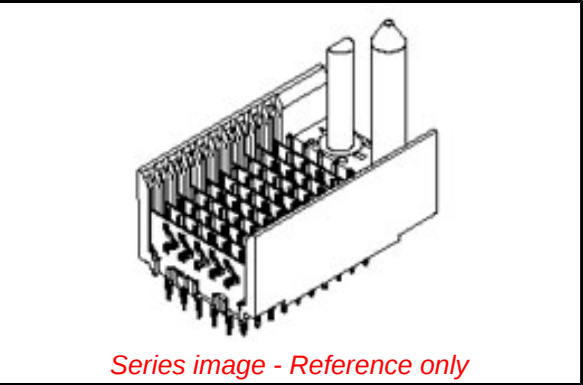
Active

Overview:

VHDM Backplane Connector Systems

Description:

VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6 Rows, Guide Pin Signal Module, Shield End Version, Pin End Version, 150 Circuits, 25 Columns, Pin Length 5.15mm



Documents:

Drawing (PDF)

Product Specification PS-74031-999-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Backplane Connectors
Series	74059
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	No Keying Position
Component Type	PCB Header
Overview	VHDM Backplane Connector Systems
Product Name	VHDM
UPC	800753258143
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 - Metal	Beryllium Copper, High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	13.515/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
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

REACH SVHC

Not Contained Per - ECHA_01_2020 (16 January 2020)

Halogen-Free Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

74059 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 Shield Repair Tool	622015800
6-Row Shield Extraction Tool	622016000
Insertion Module for Advanced Mate Signal Header, 6-	622020204

Voltage - Maximum	120V AC (RMS)/DC	Row by 25-Wide, 50.00mm
Material Info		Insertion Module <u>622020208</u>
Reference - Drawing Numbers		for Standard Shield
Product Specification	PS-74031-999-001	Signal Header, 6-
Sales Drawing	SD-74059-002	Row by 25-Wide, 50.00mm

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