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Part Number:

0749811001

Status:

Active

Overview:

VHDM-HSD™ Backplane Connectors

Description:

VHDM-HSD™ Backplane Header, 2.00mm Pitch, 6-Row, Guide Pin Signal Module, Shield End Version, 40 Circuits, Pin Length 4.75mm. Series:74984 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm

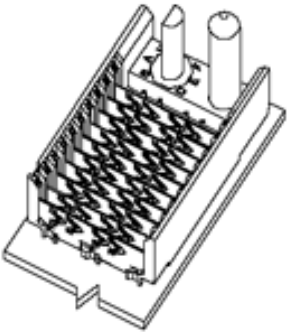
Documents:

Drawing (PDF)

Product Specification PS-74031-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	74981
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	No Keying Orientation
Component Type	PCB Header
Overview	VHDM-HSD™ Backplane Connectors
Product Name	VHDM-HSD™
UPC	822350643832
Physical	
Circuits (Loaded)	40
Circuits (maximum)	40
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	None
Material - Metal	Copper-Nickel-Silicon, High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	7.172/g
Number of Columns	10
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	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Not Reviewed

ELV

Not Reviewed

Search Parts in this Series

74981 Series

Mates With

74880 VHDM-HSD™ Daughtercard

Use With

Daughtercard Modules

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	0622015700
Repair Tool	
Signal Header, 6-Row by 10-Wide, 20.00mm	0622020216

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	2.0A
Data Rate	5.0 Gbps
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-74031-999
Sales Drawing	SD-74981-010
Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.	

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