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Part Number:

0746501104

Status:

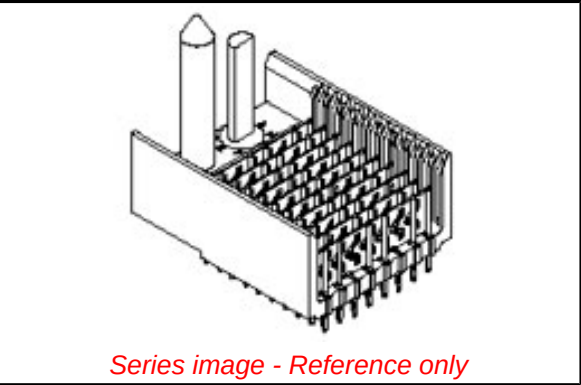
Active

Overview:

VHDM-HSD™ Backplane Connectors

Description:

VHDM-HSD™ Backplane Header, 2.00mm Pitch, 8-Row, Guide Pin Signal Module, Signal Pin End Version, Advanced Mate Shield, 60 Circuits, Pin Length 5.15mm.
Series:74659 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15, and 6.25mm



Documents:	
Drawing (PDF)	Packaging Specification PK-74061-003 (PDF)
Product Specification PS-74031-999 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	74650
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Advanced mate shield chevron can be used for the first mate last break (FMLB) grounding application.
Component Type	PCB Header
Overview	VHDM-HSD™ Backplane Connectors
Product Name	VHDM-HSD™
UPC	756054659700
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	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
Number of Columns	10
Number of Pairs	Open Pin Field
Number of Rows	8
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

EU ELV	
Not Reviewed	
EU RoHS	China 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

74650 Series

Mates With

VHDM-HSD™ Daughtercards [74680](#) , [74686](#)

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 #
Insertion Module for Advanced Mate Signal Header, 8-Row by 10-Wide, 20.00mm	0622020205

Temperature Range - Operating

Termination Interface: Style

-55°C to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Data Rate

Shield Type

Shielded

Voltage - Maximum

2.0A

5.0 Gbps

Ground Plane Shield

Yes

120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-74061-003

PS-74031-999

SD-74650-003

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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