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Part Number:

0746961103

Status:

Active

Overview:

VHDM-HSD™ Backplane Connectors

Description:

VHDM-HSD™ Backplane Header, 2.00mm Pitch, 5-Row, Guide Pin Signal Module, Pin End Version, Advanced Mate Shield, 40 Circuits, Pin Length 4.25mm. Series:74702
Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15, and 6.25mm

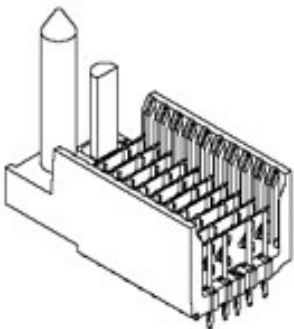
Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Packaging Specification PK-74696-003 (PDF)

Agency Certification	
CSA	LR19880
General	
Product Family	Backplane Connectors
Series	74696
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	756054241530
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	High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.047/g
Number of Columns	10
Number of Pairs	Open Pin Field
Number of Rows	5
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 Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/21/2016 (20 June

2016)

Halogen-Free

Status

Low-Halogen

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

Green Image

ELV

Not Relevant

Search Parts in this Series

74696 Series

Mates With

74670 VHDM-HSD™ Daughtercard

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 Header, 5-Row by 10-Wide, 20.00mm	0622020201
5-Row Pin and Shield Repair Tool	0622015810
5-Row Shield Extraction Tool	0622016010

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1.0A
Data Rate	5.0 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-74696-003
Sales Drawing	SD-74696-003
Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.	

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