molex

one company › a world of innovation

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0746961012

Status: Active

Overview: VHDM-HSD™ Backplane Connectors

Description: VHDM-HSD™ Backplane Header, 2.00mm Pitch, 5-Row, Guide Pin Signal Module, Pin End Version, 40 Circuits, Keying Option A, Pin Length 6.25mm. 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)

Product Specification PS-74031-999 (PDF)

Packaging Specification PK-74696-003 (PDF)
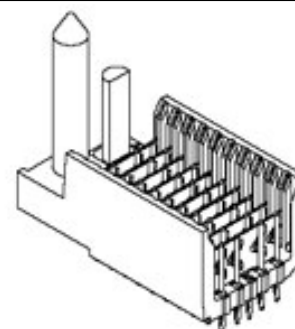
RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification

CSA	LR19880
UL	E29179

General

Product Family	Backplane Connectors
Series	74696
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	Keying Orientation A
Component Type	PCB Header
Overview	VHDM-HSD™ Backplane Connectors
Product Name	VHDM-HSD™
UPC	800756628974

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	Yes
Material - Metal	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	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
Termination Interface: Style	Through Hole - Compliant Pin

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
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
Signal Pin Inserter Repair Tool	0622015700
5-Row Pin and Shield Repair Tool	0622015810
5-Row Shield Extraction Tool	0622016010

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
Product Specification   PS-74031-999
Sales Drawing   SD-74696-002

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for High Speed/Modular Connectors *category:*

Click to view products by Molex *manufacturer:*

Other Similar products are found below :

2332816-1 89006-1137LF 650827-1 65762-001LF 73474-201LF 74040-1346 74075-0267 88911-201LF 9514M0C20D 1410191-1 1410337-1 1410368-3 1410964-2 1410326-3 1410367-3 1410971-4 1467833-1 2000877-1 2000878-1 2041314-1 2065387-1 2187307-1 2187462-1 2226278-6 KA81-07 91290-101LF 1934290-1 2000875-1 2065917-1 2102736-2 FSR-40 2169868-2 2226279-2 22354-8 437-5040-000 5-1393565-0 532449-3 532803-2 34745-0001 0740618502 0760151403 0760551105 0760551608 0761451128 0761651124 0761655108 0761659807 0769853208 0736440217 0758324203