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Part Number: **0746710001**

Status: **Contact Molex**

Overview: vhdm__hsd

Description: 2.00mm (.079") Pitch VHDM-HSD™ 5-Row, Board-to-Board Daughtercard Receptacle, Right Angle,Signal Module, 40 Circuits

Documents:

Drawing (PDF)   RoHS Certificate of Compliance (PDF)
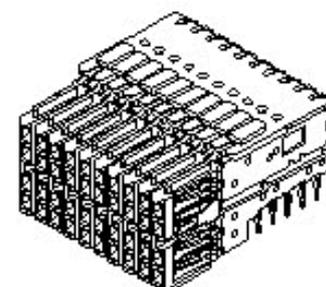
General

Product Family	Backplane Connectors
Series	74671
Application	Daughtercard
Application Tooling Documents	Tooling Manual
Comments	Wafers aggregated into connectors receive a custom order number 74670-XXXX for 5-row daughter card assemblies.
Component Type	PCB Receptacle
Overview	vhdm__hsd
Product Name	VHDM-HSD™
Style	N/A

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	200
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	10
Number of Pairs	Open Pin Field
Number of Rows	5
Orientation	Right Angle
PC Tail Length	2.80mm (.110")
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.80mm (.071")
Packaging Type	Tube
Pitch - Mating Interface	2.00mm (.079")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	0.762µm (30µ")
Polarized to PCB	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

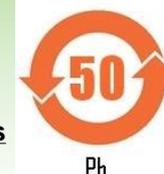|	
Current - Maximum per Contact	1A
Data Rate	5.0 Gbps
Real Signals (per 25mm)	10 pairs

Series
image - Reference only

EU RoHS **China RoHS**

RoHS Compliant by Exemption

REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
74671Series

Mates With
74695|74696|74697

Use With
Backplane Modules

Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-74671-002

VHDM-HSD and Very High Density Metric are trademarks of Amphenol Corporation.

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