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Part Number:

73944-6200

Status:

Active

Overview:

HDM® Backplane Connector System

Description:

HDM® Board-to-Board Backplane Header, Vertical, SMC, Solder Tail, Guide Pin Option, 72 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-73670-9999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

73944

Application

Backplane

Component Type

PCB Header

Overview

HDM® Backplane Connector System

Product Name

HDM®

Style

N/A

UPC

800753004849

Physical

Circuits (Loaded)

72

Circuits (maximum)

72

Color - Resin

Black, Natural

Durability (mating cycles max)

250

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

Yes

Keying to Mating Part

Yes

Material - Metal

Phosphor Bronze, Stainless Steel

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Number of Columns

12

Number of Pairs

Open Pin Field

Number of Rows

6

Orientation

Vertical

PC Tail Length

3.50mm

PCB Locator

Yes

PCB Retention

None

PCB Thickness - Recommended

2.50mm

Packaging Type

Tube

Pitch - Mating Interface

2.00mm

Pitch - Termination Interface

2.00mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to PCB

No

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-55°C to +105°C

Termination Interface: Style

Through Hole

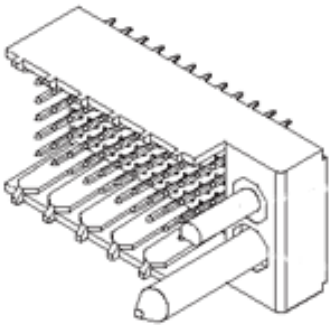


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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
73944Series

Mates With
73632 HDM PLUS® Board-to-Board Daughtercard Receptacle. 73780 HDM® Board-to-Board Daughtercard Receptacle

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 #
Extraction Tool	0621001000
Backplane Insertion	0621001400
Signal Contact Tool	

Electrical

Current - Maximum per Contact	1A
Data Rate	1.0 Gbps
Shielded	No
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers

Product Specification	PS-73670-9999
Sales Drawing	SD-73944-001

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This document was generated on 12/09/2014

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