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Part Number: [0738090100](#)
Status: **Active**
Overview: [HDM® Backplane Connector System](#)
Description: HDM® Board-to-Board Midplane Header, Vertical, Press-Fit, Closed End, Guide Post A Location, E Polarization Key, 72 Circuits

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [73809](#)
Application Midplane
Component Type Shroud Housing
Overview [HDM® Backplane Connector System](#)
Product Name HDM®
UPC 800755030471

Physical

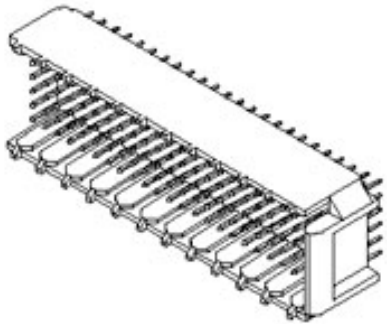
Circuits (Loaded) 72
Circuits (maximum) 72
Color - Resin Black
Durability (mating cycles max) 250
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part Yes
Keying to Mating Part None
Material - Plating Mating N/A
Material - Resin High Temperature Thermoplastic
Net Weight 2.114/g
Number of Columns 12
Number of Pairs Open Pin Field
Number of Rows 6
Orientation Vertical
PC Tail Length 5.55mm
PCB Locator No
PCB Retention None
Packaging Type Tube
Pitch - Mating Interface 2.00mm
Pitch - Termination Interface 2.00mm
Stackable Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55°C to +105°C

Electrical

Current - Maximum per Contact 1.0A
Data Rate 1.0 Gbps
Real Signals (per 25mm) 72
Voltage - Maximum 250V AC

Solder Process Data

Lead-freeProcess Capability N/A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014
December 17): No

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[73809](#) Series

Mates With

[73632](#) HDM PLUS® Board-to-Board
Daughtercard Receptacle. [73780](#) HDM®
Board-to-Board Daughtercard Receptacle

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-73809-001

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