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Part Number: **0738101000**
Status: **Active**
Overview: HDM® Backplane Connector System
Description: HDM Board-to-Board Midplane Header, Vertical SMC, Press-Fit, Slide On Housing, 144 Circuits

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series 73810
 Application Midplane
 Component Type PCB Header
 Overview HDM® Backplane Connector System
 Product Name HDM®
 UPC 800755030525

Physical

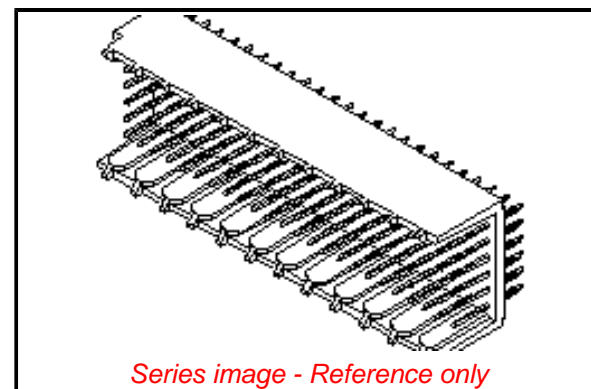
Circuits (Loaded) N/A
 Circuits (maximum) 144
 Color - Resin Black
 Durability (mating cycles max) 250
 First Mate / Last Break No
 Flammability 94V-0
 Guide to Mating Part Yes
 Keying to Mating Part Yes
 Material - Plating Mating N/A
 Material - Resin High Temperature Thermoplastic
 Net Weight 3.393/g
 Number of Columns 24
 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
 Polarized to PCB N/A
 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) 0
 Voltage - Maximum 250V AC

Solder Process Data

Lead-freeProcess Capability REFLOW



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

Halogen-Free

Status

Low-Halogen

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 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

73810 Series

Mates With

73632 HDM+ Board-to-Board Daughtercard
 Receptacle. 73780 HDM Board-to-Board
 Daughtercard Receptacle

Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Sales Drawing SD-73810-001

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