

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0738101218](#)
Status: **Active**
Overview: [HDM Backplane Connector System](#)
Description: HDM Board-to-Board Midplane Header, Vertical SMC, Press-Fit, Slide On Housing, Polar/Guide Version, Guide Post Location A, Polarizing Key Position N/A, 144 Circuits

Documents:

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

Agency Certification

CSA LR19980
UL E29179

General

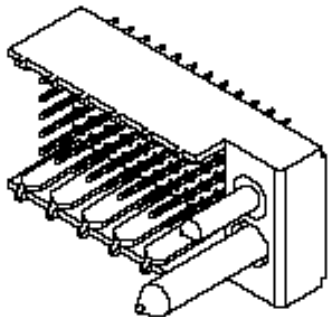
Product Family Backplane Connectors
Series [73810](#)
Application Midplane
Comments Polar/Guide Version, Polar/Guide Version
Component Type PCB Header
Overview [HDM Backplane Connector System](#)
Product Name HDM
UPC 800755030587

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 None
Material - Metal Stainless Steel
Material - Plating Mating N/A
Material - Resin High Temperature Thermoplastic
Net Weight 5.714/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° to +105°C

Electrical

Current - Maximum per Contact 1.0A
Data Rate 1.0 Gbps
Real Signals (per 25mm) 0
Voltage - Maximum 250V AC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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

Solder Process Data

Lead-free	Process Capability	REFLOW
Process Temperature max.	C	260

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-73810-001
---------------	--------------

This document was generated on 09/16/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[73810-1218](#)