

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

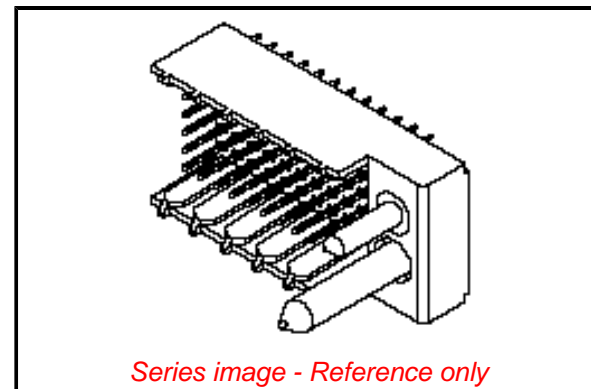
Product Family Backplane Connectors  
 Series 73810  
 Application Midplane  
 Comments Polar/Guide Version, Polar/Guide Version  
 Component Type PCB Header  
 Overview HDM Backplane Connector System  
 Product Name HDM  
 UPC 800755030587

**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**

**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

ELV

RoHS Phthalates

**China RoHS**

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

**Solder Process Data**

Lead-free Process Capability  
Process Temperature max. C

REFLOW  
260

**Material Info****Reference - Drawing Numbers**

Sales Drawing

SD-73810-001

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