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**Part Number:** [0737711100](#)  
**Status:** **Active**  
**Overview:** [HDM® Backplane Connector System](#)  
**Description:** HDM® Board-to-Board Stacking Header, High Rise Vertical, SMC, Press-Fit, Guide Pin Option, Keying Option A, 144 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-0870 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-73780-999-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

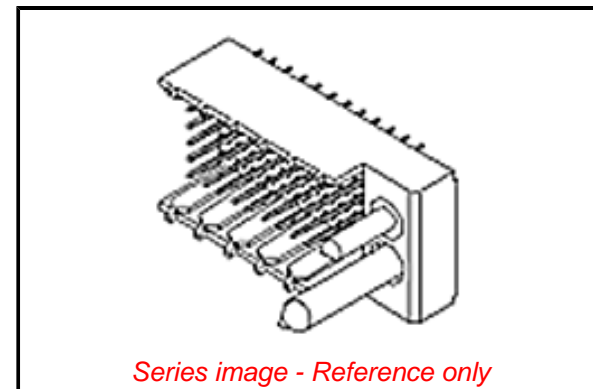
Product Family Backplane Connectors  
 Series [73771](#)  
 Application Midplane  
 Component Type PCB Header  
 Overview [HDM® Backplane Connector System](#)  
 Product Name HDM®  
 UPC 800755029048

**Physical**

Circuits (Loaded) 144  
 Circuits (maximum) 144  
 Color - Resin Black  
 Durability (mating cycles max) 250  
 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-Lead  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 28.295/g  
 Number of Columns 24  
 Number of Pairs Open Pin Field  
 Number of Rows 6  
 Orientation Vertical  
 PC Tail Length 3.50mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.50mm  
 Packaging Type Tube  
 Pitch - Mating Interface 2.00mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 0.381µm  
 Polarized to PCB No  
 Stackable Yes  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -55°C to +105°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 1.0A



*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**

**Need more information on product  
 environmental compliance?**

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[73771](#) Series

**Mates With**

[73632](#) HDM+® Board-to-Board  
 Daughterboard Receptacle, [73780](#) HDM®  
 Board-to-Board Daughtercard Receptacle

Data Rate 1.0 Gbps  
Voltage - Maximum 250V AC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-70873-0870  
Product Specification PS-73780-999-001  
Sales Drawing SD-73771-001

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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