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**Part Number:** [0738002000](#)  
**Status:** **Active**  
**Overview:** [HDM Backplane Connector System](#)  
**Description:** HDM Board-to-Board Midplane Header, Vertical, SMC, Press-Fit, Long Pin, Open End Option, 72 Circuits

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-73780-999-001 \(PDF\)](#)  
[Packaging Specification PK-70873-0868 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

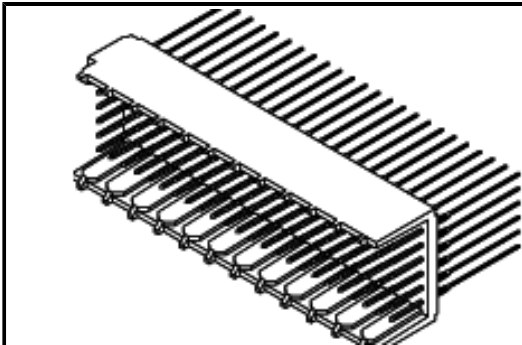
Product Family Backplane Connectors  
Series [73800](#)  
Application Midplane  
Component Type PCB Header  
Overview [HDM Backplane Connector System](#)  
Product Name HDM  
UPC 800753018624

**Physical**

Circuits (Loaded) 72  
Circuits (maximum) 72  
Color - Resin Black, Natural  
Durability (mating cycles max) 250  
First Mate / Last Break No  
Flammability 94V-0  
Guide to Mating Part No  
Keying to Mating Part None  
Material - Plating Mating Gold  
Material - Plating Termination Tin-Lead  
Material - Resin High Temperature Thermoplastic  
Net Weight 4.152/g  
Number of Columns 12  
Number of Pairs Open Pin Field  
Number of Rows 6  
Orientation Vertical  
PC Tail Length 11.50mm  
PCB Locator No  
PCB Retention Yes  
PCB Thickness - Recommended 3.95mm  
Packaging Type Tube  
Pitch - Mating Interface 2.00mm  
Pitch - Termination Interface 2.00mm  
Plating min - Mating 0.762µm  
Plating min - Termination 0.889µm  
Polarized to PCB No  
Stackable Yes  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -55° to +105°C

**Electrical**

Current - Maximum per Contact 1.0A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**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      | 50 Image      |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[73800](#) Series

**Mates With**

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

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| Description | Product # |
|-------------|-----------|
|-------------|-----------|

|                                                                     |                           |
|---------------------------------------------------------------------|---------------------------|
| Backplane Signal Insertion Module                                   | <a href="#">622008502</a> |
| Press-In Tool for 2.00mm Pitch HDM* Board-to-Board Backplane Header |                           |

|                         |          |
|-------------------------|----------|
| Data Rate               | 1.0 Gbps |
| Real Signals (per 25mm) | 75       |
| Shielded                | No       |
| Voltage - Maximum       | 250V AC  |

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-70873-0868    |
| Product Specification   | PS-73780-999-001 |
| Sales Drawing           | SD-73800-001     |

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