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**Part Number:** [0737824200](#)  
**Status:** **Active**  
**Overview:** [HDM Backplane Connector System](#)  
**Description:** HDM Board-to-Board Stacking Header, High Rise Vertical, SMC, Closed End Option, 72 Circuits, Stack Height 6.05mm

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-73780-999-001 \(PDF\)](#)  
[Packaging Specification PK-70873-0875 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

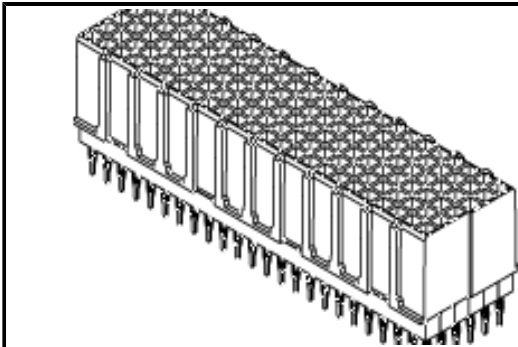
**General**

Product Family Backplane Connectors  
Series [73782](#)  
Application Backplane, Mezzanine  
Component Type PCB Header  
Overview [HDM Backplane Connector System](#)  
Product Name HDM  
UPC 800754780384

**Physical**

Circuits (Loaded) 72  
Circuits (maximum) 72  
Color - Resin Black  
Durability (mating cycles max) 200  
First Mate / Last Break No  
Flammability 94V-0  
Guide to Mating Part No  
Keying to Mating Part None  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin-Lead  
Material - Resin High Temperature Thermoplastic  
Net Weight 12.108/g  
Number of Columns 12  
Number of Pairs Open Pin Field  
Number of Rows 6  
Orientation Vertical  
PC Tail Length 3.00mm  
PCB Locator No  
PCB Retention None  
PCB Thickness - Recommended 1.40mm  
Packaging Type Tube  
Pitch - Mating Interface 2.00mm  
Plating min - Mating 0.762µm  
Plating min - Termination 2.540µm  
Polarized to PCB No  
Stackable Yes  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -55° to +105°C  
Termination Interface: Style Through Hole

**Electrical**



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**

[73782](#) Series

**Mates With**

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

|                               |          |
|-------------------------------|----------|
| Current - Maximum per Contact | 1.0A     |
| Data Rate                     | 1.0 Gbps |
| Real Signals (per 25mm)       | 72       |
| Voltage - Maximum             | 100V AC  |

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 260  |

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-70873-0875    |
| Product Specification   | PS-73780-999-001 |
| Sales Drawing           | SD-73782-001     |

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