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**Part Number:** **0737826100**  
**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 15.05mm

**Documents:**

[3D Model](#) [Product Specification PS-73780-999-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification PK-70873-1873-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

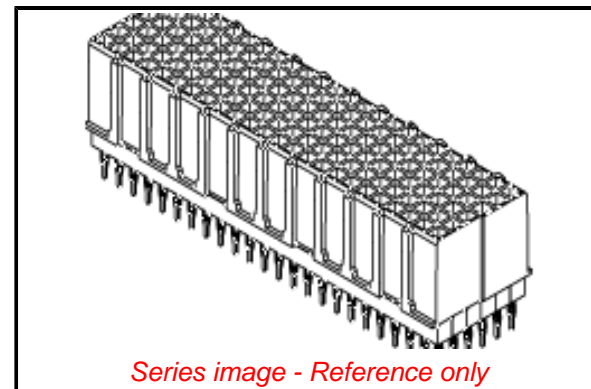
**General**

Product Family Backplane Connectors  
 Series [73782](#)  
 Application Backplane, Mezzanine  
 Component Type PCB Header  
 Overview [HDM Backplane Connector System](#)  
 Product Name HDM  
 UPC 800754026383

**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 12.891/g  
 Number of Columns 12  
 Number of Pairs Open Pin Field  
 Number of Rows 6  
 Orientation Vertical  
 PC Tail Length 3.50mm  
 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**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**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**

[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-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

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

Packaging Specification	PK-70873-1873-001
Product Specification	PS-73780-999-001
Sales Drawing	SD-73782-001-001, SD-73782-001-002

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