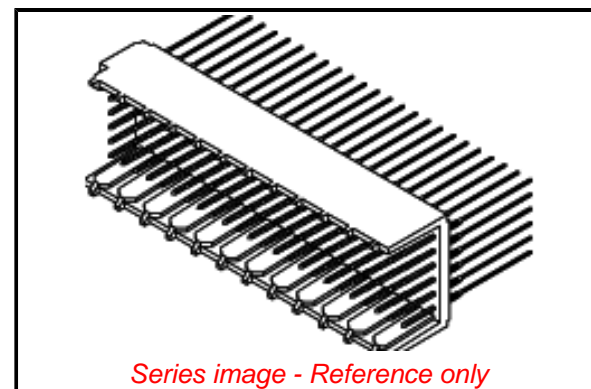


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Part Number: **0738001000**
Status: **Active**
Overview: HDM Backplane Connector System
Description: HDM Board-to-Board Midplane Header, Vertical, SMC, Press-Fit, Long Pin, Open End Option, 144 Circuits

Documents:

| | |
|--|---|
| 3D Model | Packaging Specification PK-70873-0868 (PDF) |
| 3D Model (PDF) | Test Summary TS-73670-990-001 (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 | <u>73800</u> |
| Application | Midplane |
| Component Type | PCB Header |
| Overview | <u>HDM Backplane Connector System</u> |
| Product Name | HDM |
| UPC | 800755946376 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 144 |
| Circuits (maximum) | 144 |
| 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 | Gold |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 8.289/g |
| Number of Columns | 24 |
| 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 | 4.00mm |
| Packaging Type | Tube |
| Pitch - Mating Interface | 2.00mm |
| Pitch - Termination Interface | 2.00mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.051µm |
| Polarized to PCB | No |
| Stackable | Yes |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -55° to +105°C |

Electrical

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

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 Insertion Head for 144 Circuits | <u>622005703</u> |
|---|------------------|

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

Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info**Reference - Drawing Numbers**

| | |
|-------------------------|------------------|
| Packaging Specification | PK-70873-0868 |
| Product Specification | PS-73780-999-001 |
| Sales Drawing | SD-73800-001 |
| Test Summary | TS-73670-990-001 |

This document was generated on 12/12/2019

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