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**Part Number:** [0739436200](#)  
**Status:** **Active**  
**Overview:** [HDM Backplane Connector System](#)  
**Description:** HDM Board-to-Board Backplane Header, Vertical, Solder Tail, Closed End, 72 Circuits

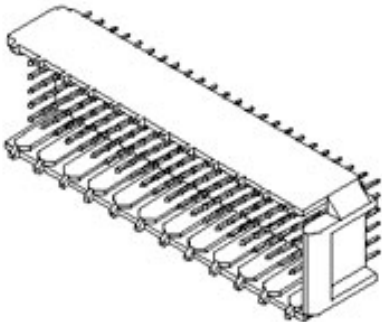
**Documents:**  
[3D Model](#) [Packaging Specification PK-70873-0818 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**  
CSA LR19980  
UL E29179

**General**  
Product Family Backplane Connectors  
Series [73943](#)  
Application Backplane  
Comments Solder Tail, Solder Tail  
Component Type PCB Header  
Overview [HDM Backplane Connector System](#)  
Product Name HDM  
UPC 800754805155

**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 - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
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 2.50mm  
Packaging Type Tube  
Pitch - Mating Interface 2.00mm  
Pitch - Termination Interface 2.00mm  
Plating min - Mating 0.762µm  
Plating min - Termination 2.540µm  
Stackable Yes  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -55° to +105°C  
Termination Interface: Style Through Hole

**Electrical**  
Current - Maximum per Contact 1.0A  
Data Rate 1.0 Gbps



Series image - Reference only

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b><br><b>Not Reviewed</b>                          |                   |
| <b>EU RoHS</b><br><b>Not Reviewed</b>                         | <b>China RoHS</b> |
| <b>REACH SVHC</b><br>Not Reviewed                             |                   |
| <b>Halogen-Free</b><br><b>Status</b><br><b>Not Reviewed</b>   |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| China ROHS                                                    | Not Reviewed      |
| ELV                                                           | Not Reviewed      |
| RoHS Phthalates                                               | Not Reviewed      |

**Search Parts in this Series**  
[73943](#) Series

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

| <b>Application Tooling   FAQ</b>                                                                                                                                                       |                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i> |                           |
| <b>Global</b>                                                                                                                                                                          |                           |
| Description                                                                                                                                                                            | Product #                 |
| Extraction Tool                                                                                                                                                                        | <a href="#">621001000</a> |
| Backplane Insertion                                                                                                                                                                    | <a href="#">621001400</a> |
| Signal Contact Tool                                                                                                                                                                    |                           |

Voltage - Maximum

250V AC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

SD-73943-001

PK-70873-0818

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