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**Part Number:** [73769-0300](#)  
**Status:** **Active**  
**Overview:** HDM®  
**Description:** 2.00mm Pitch HDM® Board-to-Board Stacking Header, High Rise Vertical, Press-Fit, Open End Option, 72 Circuits

**Documents:**

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

**General**

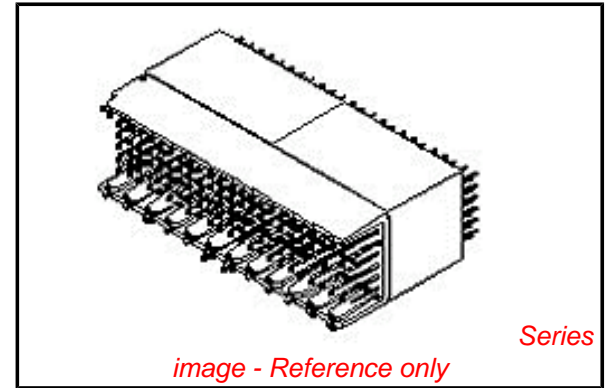
|                |                       |
|----------------|-----------------------|
| Product Family | Backplane Connectors  |
| Series         | <a href="#">73769</a> |
| Application    | Backplane, Mezzanine  |
| Component Type | PCB Header            |
| Overview       | <a href="#">HDM®</a>  |
| Product Name   | HDM®                  |
| Style          | N/A                   |
| UPC            | 800754874137          |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 72                             |
| Circuits (maximum)             | 72                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 200                            |
| First Mate / Last Break        | No                             |
| 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                     | 9.209/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      | 0.381µm                        |
| Polarized to PCB               | No                             |
| Stackable                      | Yes                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -55°C to +105°C                |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**

|                               |          |
|-------------------------------|----------|
| Current - Maximum per Contact | 1A       |
| Data Rate                     | 1.0 Gbps |
| Real Signals (per 25mm)       | 72       |
| Voltage - Maximum             | 100V AC  |



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[73769Series](#)

**Mates With**

[73632 HDM PLUS® 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 #                  |
|---------------------------------------|----------------------------|
| Flat Rock Tooling for Pneumatic Press | <a href="#">0622013700</a> |

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-73780-999

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This document was generated on 01/03/2013

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