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Part Number:

74993-4100

Status:

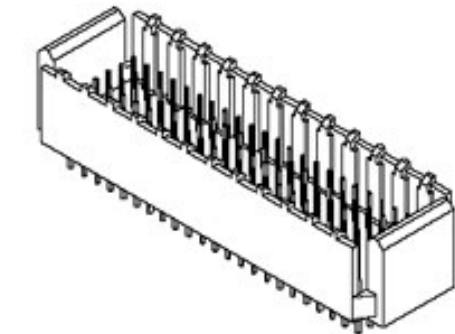
Active

Overview:

HDM® Backplane Connector System

Description:

HDM® Board-to-Board Stacking Header, High Rise Vertical, SMC, Double End Wall Option, Solder Tail, 72 Circuits



Series

image - Reference only

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-73780-999 \(PDF\)](#)

[Application Specification AS-73642-9998 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

|                |                                 |
|----------------|---------------------------------|
| Product Family | Backplane Connectors            |
| Series         | 74993                           |
| Application    | Backplane, Mezzanine            |
| Component Type | PCB Header                      |
| Overview       | HDM® Backplane Connector System |
| Product Name   | HDM®                            |
| Style          | N/A                             |
| UPC            | 756054509975                    |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 72                             |
| Circuits (maximum)             | 72                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 250                            |
| 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                     | 10.007/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    | 2.50mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.00mm                         |
| Pitch - Termination 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 |

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

74993Series

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 #  |
|--------------|------------|
| Removal Tool | 0621007600 |

|                         |         |
|-------------------------|---------|
| Real Signals (per 25mm) | 75      |
| Shielded                | No      |
| Voltage - Maximum       | 250V AC |

**Material Info**

**Reference - Drawing Numbers**

|                           |               |
|---------------------------|---------------|
| Application Specification | AS-73642-9998 |
| Product Specification     | PS-73780-999  |
| Sales Drawing             | SD-74993-001  |

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