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Part Number:

0749920000

Status:

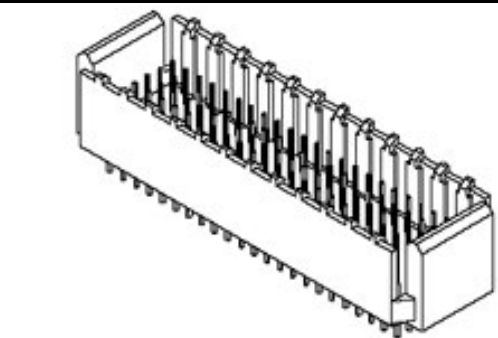
Active

Overview:

HDM Backplane Connector System

Description:

HDM Board-to-Board Backplane Header, Vertical, Press-fit Tail, Double End, 72 Circuits



Series image - Reference only

- Documents:
- 3D Model

Drawing (PDF)

Product Specification PS-73670-9999 (PDF)

Application Specification AS-73642-9998-001 (PDF)

Packaging Specification PK-70873-0818 (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                            |
| UPC                            | 756054144961                   |
| 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 | Gold                           |
| 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    | 1.60mm, 4.80mm                 |
| 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                 |
| Termination Interface: Style   | Through Hole - Compliant Pin   |
| Electrical                     |                                |
| Current - Maximum per Contact  | 1.0A                           |
| Data Rate                      | 1.0 Gbps                       |
| Real Signals (per 25mm)        | 75                             |
| Shield Type                    | N/A                            |
| Shielded                       | No                             |

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

China RoHS

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

|                 |              |
|-----------------|--------------|
| China ROHS      | Not Reviewed |
| ELV             | Not Reviewed |
| RoHS Phthalates | Not Reviewed |

Search Parts in this Series

74993 Series

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 # |
|-------------------------------------|-----------|
| Extraction Tool                     | 621001000 |
| Backplane Insertion                 | 621001400 |
| Signal Contact Tool                 |           |
| Backplane Insertion                 | 622005703 |
| Head for 144 Circuits               |           |
| Backplane Signal                    | 622008502 |
| Insertion Module                    |           |
| Press-In Tool for 2.00mm Pitch HDM* |           |
| Board-to-Board                      |           |
| Backplane Header                    |           |

Voltage - Maximum

250V AC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-73642-9998-001

Packaging Specification

PK-70873-0818

Product Specification

PS-73670-9999

Sales Drawing

SD-74992-001

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