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Part Number:

0739440003

Status:

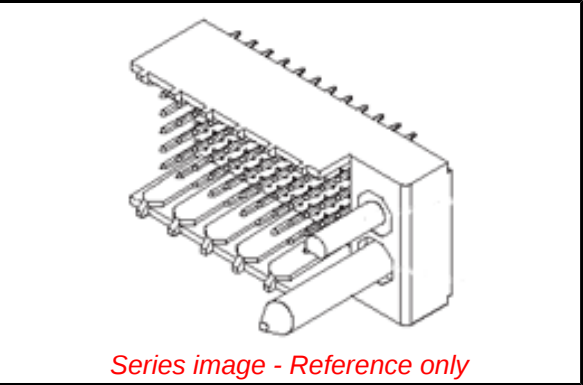
Active

Overview:

HDM Backplane Connector System

Description:

HDM Board-to-Board Backplane Header, Vertical, SMC, Solder Tail, Guide Pin Option, Guide Post Location A, Polarizing Key Position B, 72 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-73670-9999 (PDF)

Packaging Specification PK-70873-0818 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                  |
|--------------------------------|----------------------------------|
| Agency Certification           |                                  |
| CSA                            | LR19980                          |
| UL                             | E29179                           |
| General                        |                                  |
| Product Family                 | Backplane Connectors             |
| Series                         | 73944                            |
| Application                    | Backplane                        |
| Component Type                 | PCB Header                       |
| Overview                       | HDM Backplane Connector System   |
| Product Name                   | HDM                              |
| UPC                            | 800755030983                     |
| 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           | Yes                              |
| Keying to Mating Part          | Yes                              |
| Material - Metal               | Phosphor Bronze, Stainless Steel |
| 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                 | 2.00mm                           |
| 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                          |
| Polarized to PCB               | No                               |
| Stackable                      | Yes                              |
| Surface Mount Compatible (SMC) | Yes                              |
| Temperature Range - Operating  | -55° to +105°C                   |
| Termination Interface: Style   | Through Hole                     |
| Electrical                     |                                  |

|                                                               |              |
|---------------------------------------------------------------|--------------|
| EU ELV                                                        |              |
| Not Reviewed                                                  |              |
| EU RoHS                                                       | China RoHS   |
| Not Reviewed                                                  |              |
| REACH SVHC                                                    |              |
| Not Reviewed                                                  |              |
| Halogen-Free                                                  |              |
| Status                                                        |              |
| Not Reviewed                                                  |              |
| 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

73944 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 # |
| Extraction Tool                                                                                                                                                                 | 621001000 |
| Backplane Insertion                                                                                                                                                             | 621001400 |
| Signal Contact Tool                                                                                                                                                             |           |
| Backplane Signal                                                                                                                                                                | 622008502 |
| Insertion Module                                                                                                                                                                |           |
| Press-In Tool for 2.00mm Pitch HDM*                                                                                                                                             |           |
| Board-to-Board                                                                                                                                                                  |           |
| Backplane Header                                                                                                                                                                |           |

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

**Material Info**

**Reference - Drawing Numbers**

|                         |               |
|-------------------------|---------------|
| Packaging Specification | PK-70873-0818 |
| Product Specification   | PS-73670-9999 |
| Sales Drawing           | SD-73944-001  |

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