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Part Number:

0739420000

Status:

Active

Overview:

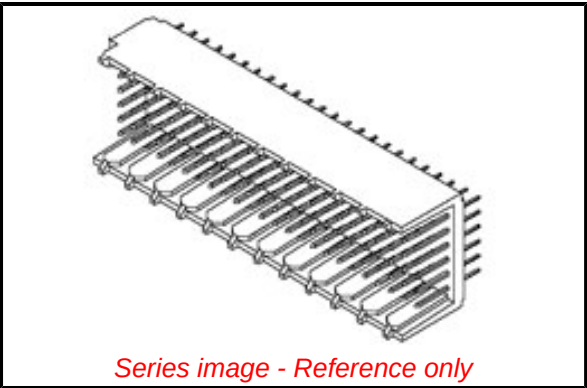
HDM Backplane Connector System

Description:

HDM Board-to-Board Backplane Header, Vertical, Solder Tail, Open End, 72 Circuits

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Documents:                    |                                                             |
| <a href="#">3D Model</a>      | <a href="#">Packaging Specification PK-70873-0818 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| CSA                            | LR19980                        |
| UL                             | E29179                         |
| General                        |                                |
| Product Family                 | Backplane Connectors           |
| Series                         | 73942                          |
| Application                    | Backplane                      |
| Comments                       | Solder Tail, Solder Tail       |
| Component Type                 | PCB Header                     |
| Overview                       | HDM Backplane Connector System |
| Product Name                   | HDM                            |
| UPC                            | 800755030914                   |
| 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                 | 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                        |
| 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

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

China RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Not Reviewed

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

73942 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 |           |

Voltage - Maximum

250V AC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

SD-73942-001

PK-70873-0818

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