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Part Number:

0751971001

Status:

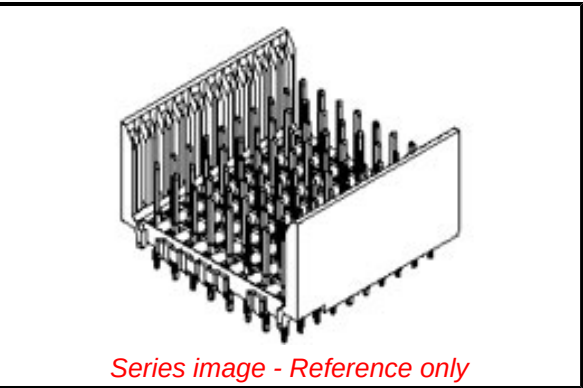
Active

Overview:

VHDM L-Series Backplane Connectors

Description:

VHDM L-Series Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8 Rows, Open Signal Module, 80 Circuits, 10 Columns, Pin Length 4.75m, Lead-Free



Series image - Reference only

Documents:

Drawing (PDF)

Packaging Specification PK-74060-003 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                    |
|--------------------------------|------------------------------------|
| General                        |                                    |
| Product Family                 | Backplane Connectors               |
| Series                         | 75197                              |
| Application                    | Backplane                          |
| Application Tooling Documents  | TM-622010999                       |
| Comments                       | Open Header, Open Header           |
| Component Type                 | PCB Header                         |
| Overview                       | VHDM L-Series Backplane Connectors |
| Product Name                   | VHDM L-Series                      |
| UPC                            | 756054732724                       |
| Physical                       |                                    |
| Circuits (Loaded)              | 80                                 |
| Circuits (maximum)             | 80                                 |
| 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               | High Performance Alloy (HPA)       |
| Material - Plating Mating      | Gold                               |
| Material - Plating Termination | Tin                                |
| Material - Resin               | High Temperature Thermoplastic     |
| Net Weight                     | 3.247/g                            |
| Number of Columns              | 10                                 |
| Number of Pairs                | Open Pin Field                     |
| Number of Rows                 | 8                                  |
| Orientation                    | Vertical                           |
| PC Tail Length                 | 2.50mm                             |
| PCB Locator                    | No                                 |
| PCB Retention                  | Yes                                |
| PCB Thickness - Recommended    | 1.80mm                             |
| Packaging Type                 | Tube                               |
| Pitch - Mating Interface       | 2.00mm                             |
| Plating min - Mating           | 0.762µm                            |
| Plating min - Termination      | 0.762µm                            |
| Polarized to PCB               | Yes                                |
| 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                      | 622.0 Mbps                         |
| Real Signals (per 25mm)        | 72                                 |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

75197 Series

Mates With

75191 VHDM L-Series Board-to-Board Daughtercard

Use With

Daughtercard Modules

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 # |
|--------------------------------------|-----------|
| Signal Pin Inserter                  | 622015700 |
| Repair Tool                          |           |
| Insertion Module for Standard Shield | 622020209 |
| Signal Header, 8-                    |           |

|                                    |                  |                            |
|------------------------------------|------------------|----------------------------|
| Voltage - Maximum                  | 120V AC (RMS)/DC | Row by 10-Wide,<br>20.00mm |
| <b>Solder Process Data</b>         |                  |                            |
| Lead-freeProcess Capability        | N/A              |                            |
| <b>Material Info</b>               |                  |                            |
| <b>Reference - Drawing Numbers</b> |                  |                            |
| Packaging Specification            | PK-74060-003     |                            |
| Sales Drawing                      | SD-75197-001     |                            |

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