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Part Number:

0740589034

Status:

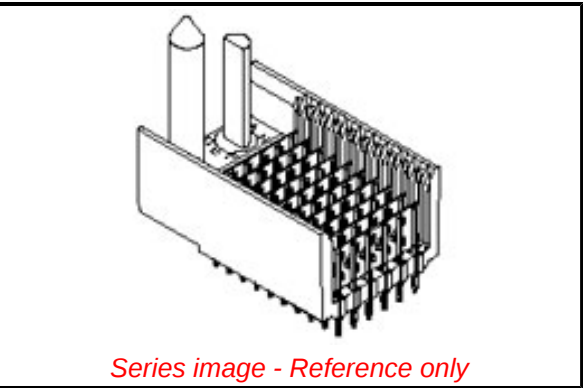
Active

Overview:

VHDM Backplane Connector Systems

Description:

VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6 Rows, Guide Pin Signal Module, Pin End Version, 60 Circuits, 10 Columns, Pin Length 5.15mm, Key Orientation C



Documents:

Drawing (PDF)

Product Specification PS-74031-999-001 (PDF)

Packaging Specification PK-74058-003 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                  |
|--------------------------------|----------------------------------|
| Agency Certification           |                                  |
| UL                             | E29179                           |
| General                        |                                  |
| Product Family                 | Backplane Connectors             |
| Series                         | 74058                            |
| Application                    | Backplane                        |
| Application Tooling Documents  | TM-622010999                     |
| Comments                       | Keying Position, Keying Position |
| Component Type                 | PCB Header                       |
| Overview                       | VHDM Backplane Connector Systems |
| Product Name                   | VHDM                             |
| UPC                            | 822350225229                     |
| Physical                       |                                  |
| Circuits (Loaded)              | 60                               |
| Circuits (maximum)             | 60                               |
| Color - Resin                  | Black                            |
| Durability (mating cycles max) | 200                              |
| First Mate / Last Break        | No                               |
| Flammability                   | 94V-0                            |
| Guide to Mating Part           | Yes                              |
| Keying to Mating Part          | Yes                              |
| Material - Plating Mating      | Gold                             |
| Material - Plating Termination | Matte Tin                        |
| Net Weight                     | 7.950/g                          |
| Number of Columns              | 25                               |
| Number of Pairs                | Open Pin Field                   |
| Number of Rows                 | 6                                |
| Orientation                    | Vertical                         |
| PC Tail Length                 | 2.50mm                           |
| PCB Locator                    | No                               |
| PCB Retention                  | None                             |
| PCB Thickness - Recommended    | 1.80mm                           |
| Packaging Type                 | Tube                             |
| Pitch - Mating Interface       | 2.00mm                           |
| Pitch - Termination Interface  | 1.00mm                           |
| Plating min - Mating           | 0.762µm                          |
| Plating min - Termination      | 0.762µm                          |
| Polarized to PCB               | Yes                              |
| Surface Mount Compatible (SMC) | Yes                              |
| Temperature Range - Operating  | 105°C                            |
| Termination Interface: Style   | Through Hole - Compliant Pin     |
| Electrical                     |                                  |
| Current - Maximum per Contact  | 2.0A                             |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

74058 Series

Mates With

74030 VHDM 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 # |
| Insertion Module for Advanced Mate Signal Header, 6-Row by 11-Wide, 20.00mm                                                                                                     | 622011101 |
| Signal Pin Inserter Repair Tool                                                                                                                                                 | 622015700 |
| 6-Row Pin and Shield Repair Tool                                                                                                                                                | 622015800 |

|                                    |                     |                   |                  |
|------------------------------------|---------------------|-------------------|------------------|
| Data Rate                          | 3.125 Gbps          | 6-Row Shield      | <u>622016000</u> |
| Shield Type                        | Ground Plane Shield | Extraction Tool   |                  |
| Shielded                           | Yes                 | Insertion Module  | <u>622020203</u> |
| Voltage - Maximum                  | 120V AC (RMS)/DC    | for Advanced Mate |                  |
| <b>Solder Process Data</b>         |                     | Signal Header, 6- |                  |
| Lead-freeProcess Capability        | N/A                 | Row by 10-Wide,   |                  |
| <b>Material Info</b>               |                     | 20.00mm           |                  |
| <b>Reference - Drawing Numbers</b> |                     | Insertion Module  | <u>622020207</u> |
| Packaging Specification            | PK-74058-003        | for Advanced Mate |                  |
| Product Specification              | PS-74031-999-001    | Signal Header, 6- |                  |
| Sales Drawing                      | SD-74058-002        | Row by 10-Wide,   |                  |
|                                    |                     | 20.00mm           |                  |

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