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Part Number:

0740589014

Status:

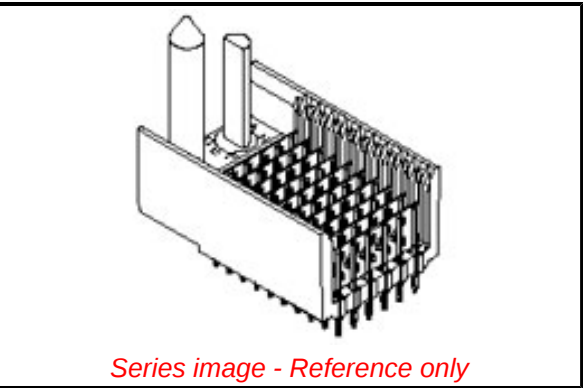
Active

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, Pin Length 5.15mm.  
Series:74074 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm



|                                                              |                                                            |
|--------------------------------------------------------------|------------------------------------------------------------|
| Documents:                                                   |                                                            |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-74058-003 (PDF)</a> |
| <a href="#">Product Specification PS-74031-999-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |

|                                |                                   |
|--------------------------------|-----------------------------------|
| Agency Certification           |                                   |
| UL                             | E29179                            |
| General                        |                                   |
| Product Family                 | Backplane Connectors              |
| Series                         | 74058                             |
| Application                    | Backplane                         |
| Application Tooling Documents  | TM-622010999                      |
| Comments                       | Keying Position                   |
| Component Type                 | PCB Header                        |
| Overview                       | VHDM® Backplane Connector Systems |
| Product Name                   | VHDM®                             |
| UPC                            | 822350225236                      |
| 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                     |                                   |

|                                                                                    |               |
|------------------------------------------------------------------------------------|---------------|
| EU ELV                                                                             |               |
| Not Relevant                                                                       |               |
| EU RoHS                                                                            | China RoHS    |
| Compliant                                                                          |               |
| REACH SVHC                                                                         |               |
| Not Contained Per                                                                  |               |
| -ED/01/2017 (12                                                                    |               |
| January 2017)                                                                      |               |
| Halogen-Free                                                                       |               |
| Status                                                                             |               |
| Low-Halogen                                                                        |               |
| Need more information on product                                                   |               |
| environmental compliance?                                                          |               |
| Email <a href="mailto:productcompliance@molex.com">productcompliance@molex.com</a> |               |
| Please visit the <a href="#">Contact Us</a> section for any                        |               |
| non-product compliance questions.                                                  |               |
| 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

|                               |                     |
|-------------------------------|---------------------|
| Current - Maximum per Contact | 2.0A                |
| Data Rate                     | 3.125 Gbps          |
| Shield Type                   | Ground Plane Shield |
| Shielded                      | Yes                 |
| Voltage - Maximum             | 120V AC (RMS)/DC    |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-74058-003     |
| Product Specification   | PS-74031-999-001 |
| Sales Drawing           | SD-74058-002     |

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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