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Part Number:

0740622504

Status:

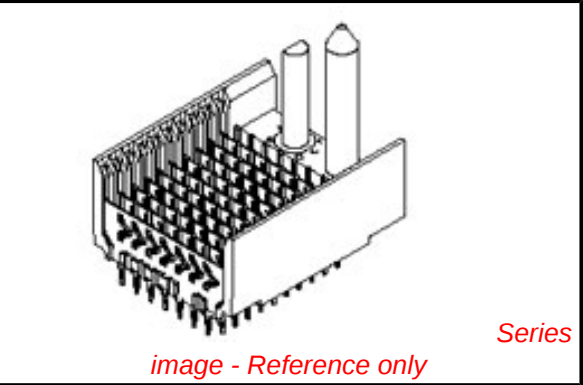
Active

Overview:

VHDM\*

Description:

2.00mm (.079") Pitch VHDM® Board-to-Board Backplane Header, Vertical, 8-Row, Guide Pin Signal Module, Shield End Version, Pin End Version, 200 Circuits, Pin Length 5.15mm (.203")



Documents:

[Drawing \(PDF\)](#)

[Packaging Specification \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------|
| General                        |                                                                                  |
| Product Family                 | Backplane Connectors                                                             |
| Series                         | 74062                                                                            |
| Application                    | Backplane                                                                        |
| Application Tooling Documents  | <a href="http://www.molex.com/pdm_docs/ats/ATS-622010999.pdf">Tooling Manual</a> |
| Comments                       | No Keying Position                                                               |
| Component Type                 | PCB Header                                                                       |
| Overview                       | VHDM*                                                                            |
| Product Name                   | VHDM®                                                                            |
| Style                          | N/A                                                                              |
| Physical                       |                                                                                  |
| Circuits (Loaded)              | 200                                                                              |
| Circuits (maximum)             | 200                                                                              |
| Color - Resin                  | Black                                                                            |
| Durability (mating cycles max) | 200                                                                              |
| First Mate / Last Break        | No                                                                               |
| Guide to Mating Part           | Yes                                                                              |
| Keying to Mating Part          | None                                                                             |
| Material - Metal               | Beryllium Copper, High Performance Alloy (HPA), Stainless Steel                  |
| Material - Plating Mating      | Gold                                                                             |
| Material - Plating Termination | Tin-Lead                                                                         |
| Material - Resin               | High Temperature Thermoplastic                                                   |
| Number of Columns              | N/A                                                                              |
| Number of Pairs                | Open Pin Field                                                                   |
| Number of Rows                 | 8                                                                                |
| Orientation                    | Vertical                                                                         |
| PC Tail Length (in)            | 0.098 In                                                                         |
| PC Tail Length (mm)            | 2.50 mm                                                                          |
| PCB Locator                    | No                                                                               |
| PCB Retention                  | None                                                                             |
| PCB Thickness Recommended (in) | 0.070 In                                                                         |
| PCB Thickness Recommended (mm) | 1.80 mm                                                                          |
| Packaging Type                 | Tube                                                                             |
| Pitch - Mating Interface (in)  | 0.079 In                                                                         |
| Pitch - Mating Interface (mm)  | 2.00 mm                                                                          |
| Pitch - Term. Interface (in)   | 0.079 In                                                                         |
| Pitch - Term. Interface (mm)   | 2.00 mm                                                                          |
| Plating min: Mating (µin)      | 30                                                                               |
| Plating min: Mating (µm)       | 0.75                                                                             |
| Plating min: Termination (µin) | 30                                                                               |
| Plating min: Termination (µm)  | 0.75                                                                             |
| Polarized to PCB               | Yes                                                                              |

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

China RoHS



Pb

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

74062Series

Mates With

74040 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 #  |
|-------------------------------------------------------------------------------------------|------------|
| Flat Rock Tooling for Pneumatic Press                                                     | 0622013700 |
| VHDM® Insertion Module for Advanced Mate Signal Header, 6 Row by 25 Wide, 50.00mm (1.97") | 0622020206 |
| VHDM® Insertion Module for Standard                                                       | 0622020210 |

|                                                                          |                              |                  |
|--------------------------------------------------------------------------|------------------------------|------------------|
| Stackable                                                                | No                           | Shield Signal    |
| Surface Mount Compatible (SMC)                                           | Yes                          | Header, 8 Row by |
| Temperature Range - Operating                                            | -55°C to +105°C              | 25 Wide, 50.00mm |
| Termination Interface: Style                                             | Through Hole - Compliant Pin | (1.97")          |
| <b>Electrical</b>                                                        |                              |                  |
| Current - Maximum                                                        | 1A                           |                  |
| Data Rate                                                                | 2.5 Gbps                     |                  |
| Real Signals (per 25mm)                                                  | 100                          |                  |
| Shield Type                                                              | Ground Plane Shield          |                  |
| Shielded                                                                 | Yes                          |                  |
| Voltage - Maximum                                                        | 120V AC (RMS)/DC             |                  |
| <b>Material Info</b>                                                     |                              |                  |
| <b>Reference - Drawing Numbers</b>                                       |                              |                  |
| Sales Drawing                                                            | SD-74062-002                 |                  |
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