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Part Number:

0740582522

Status:

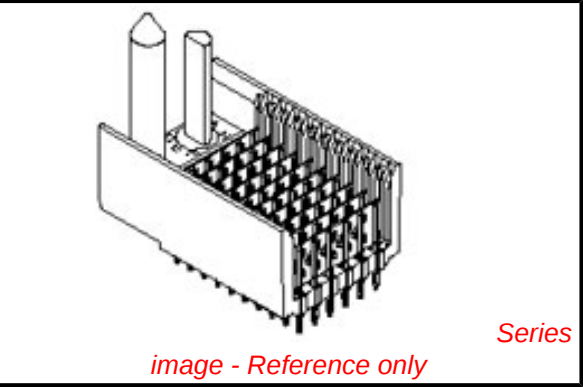
Active

Overview:

[vhdm](#)

Description:

2.00mm (.079") Pitch VHDM® Board-to-Board Backplane Header, Vertical, 6-Row, Pin End Version, 150 Circuits, Pin Length 6.25mm (.246")



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

| General                        |                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------|
| Product Family                 | Backplane Connectors                                                            |
| Series                         | 74058                                                                           |
| Application                    | Backplane                                                                       |
| Application Tooling Documents  | <a href="http://www.molex.com/pdm_docs/ats/TM-622010999.pdf">Tooling Manual</a> |
| Comments                       | Keying Postion B                                                                |
| Component Type                 | PCB Header                                                                      |
| Overview                       | <a href="#">vhdm</a>                                                            |
| Product Name                   | VHDM®                                                                           |
| Style                          | N/A                                                                             |
| Physical                       |                                                                                 |
| Circuits (Loaded)              | 150                                                                             |
| Circuits (maximum)             | 150                                                                             |
| Color - Resin                  | Black                                                                           |
| Durability (mating cycles max) | 200                                                                             |
| First Mate / Last Break        | No                                                                              |
| Guide to Mating Part           | Yes                                                                             |
| Keying to Mating Part          | Yes                                                                             |
| 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                 | 6                                                                               |
| 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) | 0.071 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)   | 0.039 In                                                                        |
| Pitch - Term. Interface (mm)   | 1.00 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                                                                             |
| Stackable                      | No                                                                              |

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

74058Series

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 #                  |
|----------------------------------------|----------------------------|
| Flat Rock Tooling for Pneumatic Press  | <a href="#">0622013700</a> |
| VHDM® Signal Pin Inserter Repair Tool  | <a href="#">0622015700</a> |
| VHDM® 6 Row Pin and Shield Repair Tool | <a href="#">0622015800</a> |

|                                                                          |                              |                     |                   |
|--------------------------------------------------------------------------|------------------------------|---------------------|-------------------|
| Surface Mount Compatible (SMC)                                           | Yes                          | VHDM® 6 Row         | <u>0622016000</u> |
| Temperature Range - Operating                                            | 105°C                        | Shield Extraction   |                   |
| Termination Interface: Style                                             | Through Hole - Compliant Pin | Tool                |                   |
| <b>Electrical</b>                                                        |                              | VHDM® Insertion     | <u>0622020204</u> |
| Current - Maximum per Contact                                            | 1A                           | Module for Advanced |                   |
| Data Rate                                                                | 3.125 Gbps                   | Mate Signal Header, |                   |
| Real Signals (per 25mm)                                                  | 75                           | 6 Row by 25 Wide,   |                   |
| Shield Type                                                              | Ground Plane Shield          | 50.00mm (1.97")     |                   |
| Shielded                                                                 | Yes                          | VHDM® Insertion     | <u>0622020208</u> |
| Voltage - Maximum                                                        | 120V AC (RMS)/DC             | Module for Standard |                   |
| <b>Material Info</b>                                                     |                              | Shield Signal       |                   |
| VHDM and Very High Density Metric are trademarks of Amphenol Corporation |                              | Header, 6 Row by    |                   |
|                                                                          |                              | 25 Wide, 50.00mm    |                   |
|                                                                          |                              | (1.97")             |                   |

This document was generated on 05/19/2010

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M/N  
74058-( )

\*\*\*0\*

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\*\*\*1\*

A

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B

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D

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E

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F

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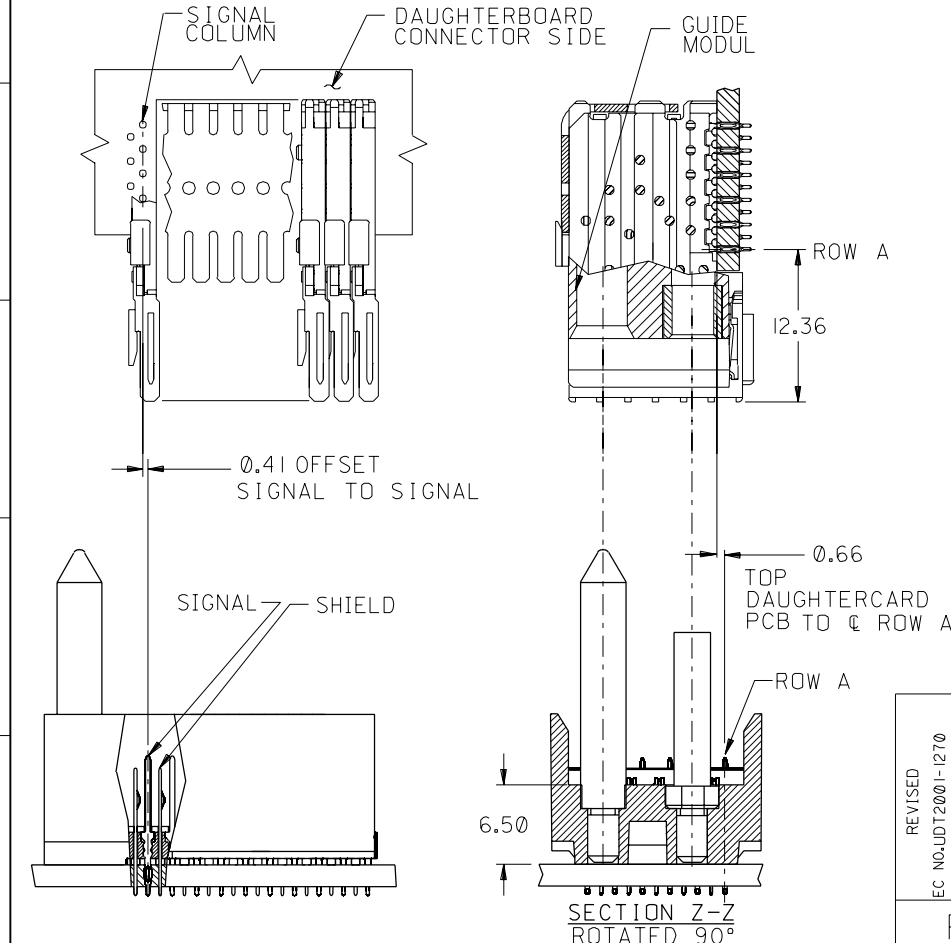
H

KEYING PIN  
ORIENTATION

74058 \* \* \* \*

NUMBER OF  
COLUMN  
10 OR 25

CONTACT LOAD  
(PIN LENGTH)  
1 & 6 = 4.75  
2 & 7 = 6.25  
3 & 8 = 4.25  
4 & 9 = 5.15



| PART NUMBER | COLUMN | NUMBER OF SIGNAL PIN | NUMBER OF SHIELD | A MAX | B     | M    | Au (um) THICKNESS | Sn/Ph (um) THICKNESS |
|-------------|--------|----------------------|------------------|-------|-------|------|-------------------|----------------------|
| 74058-10*1  | 10     | 60                   | 10               | 20.00 | 18.00 | 4.75 | 0.76              | 0.38-1.25            |
| 74058-10*6  |        |                      |                  |       |       |      | 1.25              |                      |
| 74058-25*1  | 25     | 150                  | 25               | 50.00 | 48.00 | 4.75 | 0.76              |                      |
| 74058-25*6  |        |                      |                  |       |       |      | 1.25              |                      |
| 74058-10*2  | 10     | 60                   | 10               | 20.00 | 18.00 | 6.25 | 0.76              |                      |
| 74058-10*7  |        |                      |                  |       |       |      | 1.25              |                      |
| 74058-25*2  | 25     | 150                  | 25               | 50.00 | 48.00 | 6.25 | 0.76              |                      |
| 74058-25*7  |        |                      |                  |       |       |      | 1.25              |                      |
| 74058-10*3  | 10     | 60                   | 10               | 20.00 | 18.00 | 4.25 | 0.76              |                      |
| 74058-10*8  |        |                      |                  |       |       |      | 1.25              |                      |
| 74058-25*3  | 25     | 150                  | 25               | 50.00 | 48.00 | 4.25 | 0.76              |                      |
| 74058-25*8  |        |                      |                  |       |       |      | 1.25              |                      |
| 74058-10*4  | 10     | 60                   | 10               | 20.00 | 18.00 | 5.15 | 0.76              |                      |
| 74058-10*9  |        |                      |                  |       |       |      | 1.25              |                      |
| 74058-25*4  | 25     | 150                  | 25               | 50.00 | 48.00 | 5.15 | 0.76              |                      |
| 74058-25*9  |        |                      |                  |       |       |      | 1.25              |                      |

REVISED  
EC NOLDT2001-1270  
DRWN:MWANG 01/05/10  
CHK:JLAURX 01/05/10  
APPR:CBIXLER 01/05/10

DESCRIPTION  
MAJOR  
CRITICAL

REV

QUALITY SYMBOLS

GENERAL TOLERANCES:  
(UNLESS SPECIFIED)

|          | mm    | INCH |
|----------|-------|------|
| 4 PLACES | ±0. — | ±.   |
| 3 PLACES | ±0. — | ±.   |
| 2 PLACES | ±0. — | ±.   |
| 1 PLACE  | ±0. — | ±.   |

ANGULAR: ± — °

DRAFT WHERE APPLICABLE MUST  
REMAIN WITHIN DIMENSIONS

SCALE  
2.5:1

DESIGN UNITS  
☒mm ☐INCH

DRAWN BY & DATE  
MWANG 11/09/98

CHECKED BY & DATE  
JLAURX 11/09/98

APPROVED BY & DATE  
CBIXLER 11/09/98

CAD FILENAME  
SD-74058-002-DGN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

DIMENSIONS:  
☐mm ☐INCH ☒mm ONLY

SHT  
REV

REVISE ON  
CAD ONLY

TITLE:  
VHDM BACKPLANE 6 ROW  
SIGNAL-PIN END SALES DRAWING

MOLEX MOLEX INCORPORATED

MATERIAL NO.  
SEE CHART

DRAWING NO.  
SD-74058-002

SHEET NO.  
2

SIZE  
B

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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