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Part Number:

0751171018

Status:

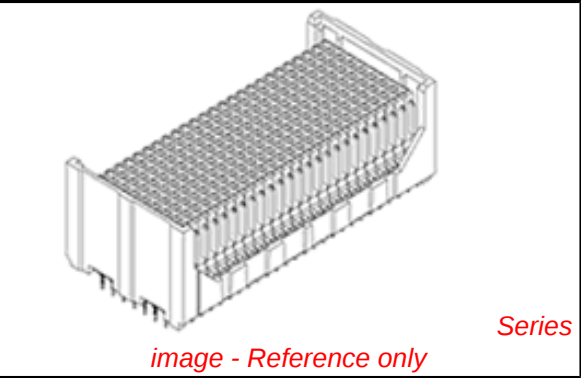
Active

Overview:

vhdm

Description:

2.00mm (.079") Pitch VHDM® Board-to-Board Stacker Receptacle, Vertical, 8-Row, 400 Circuits, 1.27µm (50µ") Gold (Au)



Documents:

Packaging Specification (PDF)

Drawing (PDF)

Product Specification PS-74031-999 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------|
| General                        |                                                                                 |
| Product Family                 | Backplane Connectors                                                            |
| Series                         | 75117                                                                           |
| Application                    | Daughtercard                                                                    |
| Application Tooling Documents  | <a href="http://www.molex.com/pdm_docs/ats/TM-622010999.pdf">Tooling Manual</a> |
| Comments                       | Stack Height 18mm (.708"), Lead Free                                            |
| Component Type                 | PCB Receptacle                                                                  |
| Overview                       | vhdm                                                                            |
| Product Name                   | VHDM®                                                                           |
| Style                          | N/A                                                                             |
| Physical                       |                                                                                 |
| Circuits (Loaded)              | 400                                                                             |
| Circuits (maximum)             | 400                                                                             |
| 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               | Copper-Nickel-Silicon, High Performance Alloy (HPA)                             |
| 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                                                                        |
| 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                                                                         |
| Plating min: Mating (µin)      | 50                                                                              |
| Plating min: Mating (µm)       | 1.25                                                                            |
| Plating min: Termination (µin) | 30                                                                              |
| Plating min: Termination (µm)  | 0.75                                                                            |
| Polarized to PCB               | No                                                                              |
| Surface Mount Compatible (SMC) | Yes                                                                             |
| Temperature Range - Operating  | -55°C to +105°C                                                                 |
| Termination Interface: Style   | Through Hole - Compliant Pin                                                    |
| Electrical                     |                                                                                 |
| Current - Maximum per Contact  | 1A                                                                              |
| Data Rate                      | 3.125 Gbps                                                                      |

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

75117Series

Mates With

74060 VHDM® Board-to-Board Backplane Header

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 #  |
|----------------------------------------|------------|
| VHDM® Single Wafer Removal Tool, 8 Row | 0622021450 |

|                         |                  |
|-------------------------|------------------|
| Real Signals (per 25mm) | 100              |
| Voltage - Maximum       | 120V AC (RMS)/DC |

**Material Info**

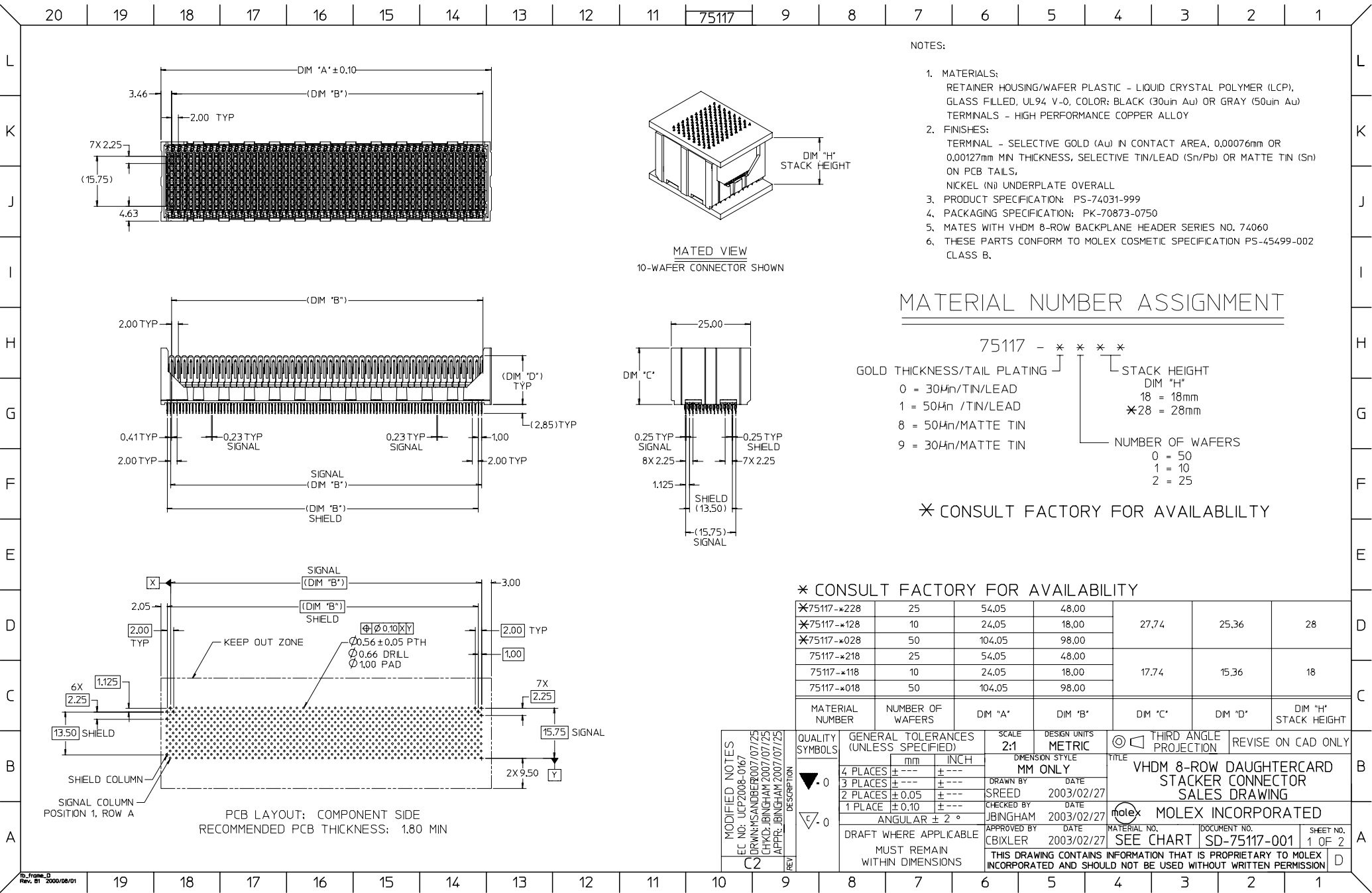
**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-74031-999 |
| Sales Drawing         | SD-75117-001 |

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NOTES:

1. MATERIALS:  
RETAINER HOUSING/WAFER PLASTIC - LIQUID CRYSTAL POLYMER (LCP),  
GLASS FILLED, UL94 V-0, COLOR: BLACK (30µin Au) OR GRAY (50µin Au)  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISHES:  
TERMINAL - SELECTIVE GOLD (Au) IN CONTACT AREA, 0.00076mm OR  
0.00127mm MIN THICKNESS, SELECTIVE TIN/LEAD (Sn/Pb) OR MATTE TIN (Sn)  
ON PCB TAILS,  
NICKEL (Ni) UNDERPLATE OVERALL
3. PRODUCT SPECIFICATION: PS-74031-999
4. PACKAGING SPECIFICATION: PK-70873-0750
5. MATES WITH VHDM 8-ROW BACKPLANE HEADER SERIES NO. 74060
6. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002  
CLASS B.

MATERIAL NUMBER ASSIGNMENT

75117 - \* \* \* \*

GOLD THICKNESS/TAIL PLATING

0 = 30µin/TIN/LEAD  
1 = 50µin /TIN/LEAD  
8 = 50µin/MATTE TIN  
9 = 30µin/MATTE TIN

STACK HEIGHT  
DIM "H"  
18 = 18mm  
\*28 = 28mm

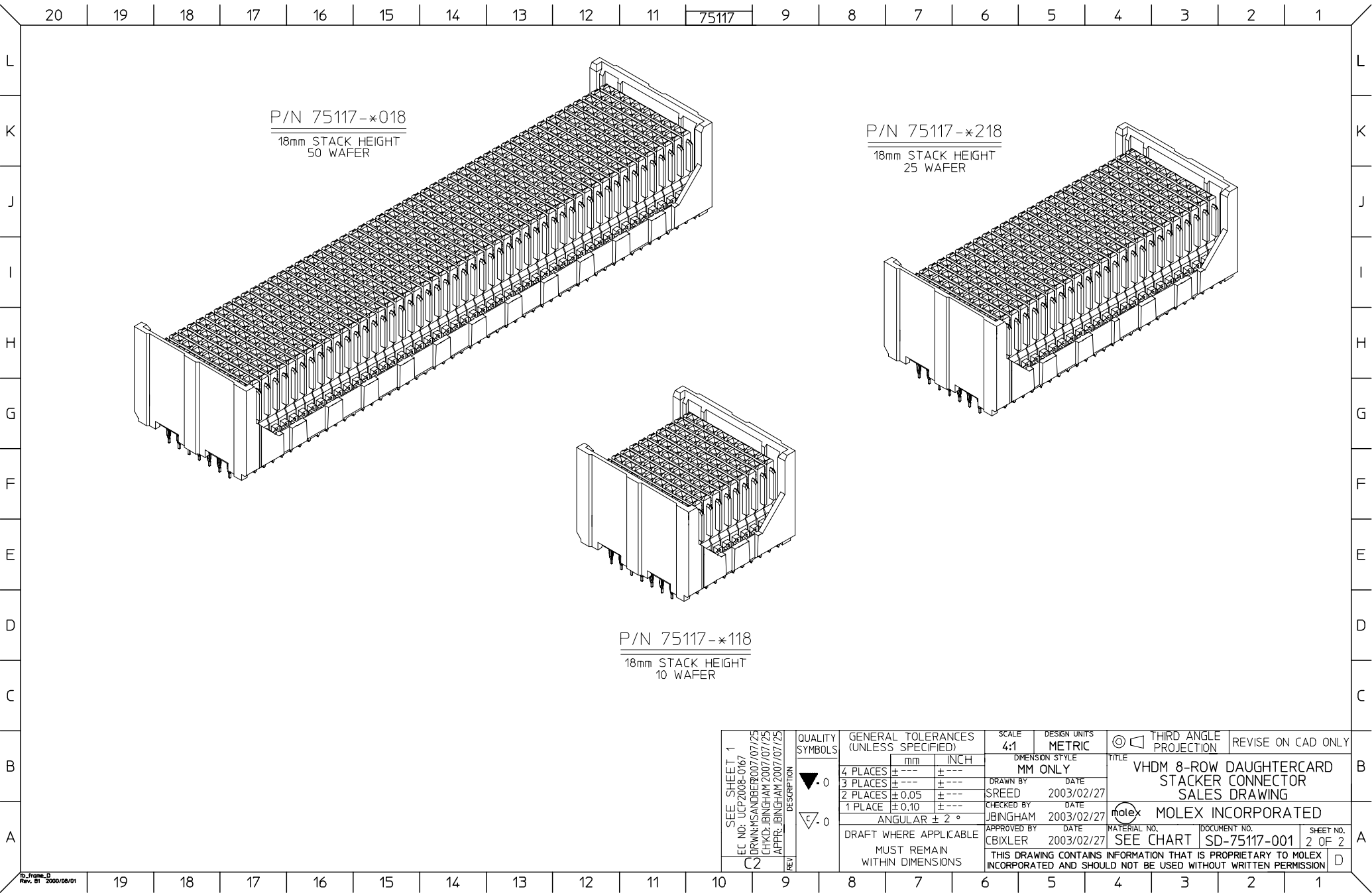
NUMBER OF WAFERS  
0 = 50  
1 = 10  
2 = 25

\* CONSULT FACTORY FOR AVAILABILITY

\* CONSULT FACTORY FOR AVAILABILITY

|                 |                  |         |         |         |         |                      |
|-----------------|------------------|---------|---------|---------|---------|----------------------|
| *75117-*228     | 25               | 54.05   | 48.00   | 27.74   | 25.36   | 28                   |
| *75117-*128     | 10               | 24.05   | 18.00   |         |         |                      |
| *75117-*028     | 50               | 104.05  | 98.00   |         |         |                      |
| 75117-*218      | 25               | 54.05   | 48.00   | 17.74   | 15.36   | 18                   |
| 75117-*118      | 10               | 24.05   | 18.00   |         |         |                      |
| 75117-*018      | 50               | 104.05  | 98.00   |         |         |                      |
| MATERIAL NUMBER | NUMBER OF WAFERS | DIM "A" | DIM "B" | DIM "C" | DIM "D" | DIM "H" STACK HEIGHT |

|                                                                                                                                         |                               |                                       |                        |                            |                                                                                                                               |                                                                        |                                           |        |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------|--------|
| MODIFIED NOTES<br>EC NO: UCP-2008-067<br>DRAWN: MSANDER007/07/25<br>CHKD: JBINGHAM 2007/07/25<br>APPR: JBINGHAM 2007/07/25<br>REV<br>C2 | QUALITY SYMBOLS               | GENERAL TOLERANCES (UNLESS SPECIFIED) |                        | SCALE<br>2:1               | DESIGN UNITS<br>METRIC                                                                                                        | THIRD ANGLE<br>PROJECTION                                              | REVISE ON CAD ONLY                        |        |
|                                                                                                                                         | ▽-0                           | mm                                    | INCH                   | DIMENSION STYLE<br>MM ONLY |                                                                                                                               | TITLE<br>VHDM 8-ROW DAUGHTERCARD<br>STACKER CONNECTOR<br>SALES DRAWING | MATERIAL NO.<br>DOCUMENT NO.<br>SHEET NO. |        |
|                                                                                                                                         |                               | 4 PLACES ± ---                        | ± ---                  | DRAWN BY                   | DATE                                                                                                                          |                                                                        |                                           |        |
|                                                                                                                                         | ▽E-0                          | mm                                    | INCH                   | 2 PLACES ± 0.05            | 2003/02/27                                                                                                                    | MOLEX<br>MOLEX INCORPORATED                                            | SD-75117-001                              | 1 OF 2 |
|                                                                                                                                         | 3 PLACES ± ---                | ± ---                                 | CHECKED BY             | DATE                       |                                                                                                                               |                                                                        |                                           |        |
|                                                                                                                                         | 2 PLACES ± 0.05               | ± ---                                 | JBINGHAM               | 2003/02/27                 | APPROVED BY                                                                                                                   |                                                                        |                                           |        |
|                                                                                                                                         | 1 PLACE ± 0.10                | ± ---                                 | CBIXLER                | 2003/02/27                 | SEE CHART                                                                                                                     |                                                                        | SD-75117-001                              |        |
|                                                                                                                                         | ANGULAR ± 2 °                 |                                       | DRAFT WHERE APPLICABLE |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                        |                                           |        |
|                                                                                                                                         | MUST REMAIN WITHIN DIMENSIONS |                                       |                        |                            |                                                                                                                               |                                                                        |                                           |        |



|                                                                                                                                    |                                       |             |                                                            |        |                            |                        |                                                                        |                    |                                                                            |  |                    |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------|------------------------------------------------------------|--------|----------------------------|------------------------|------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------|--|--------------------|
| SEE SHEET 1<br>EC NO: UCP 2008-0067<br>DRWN:MSANDBER007/07/25<br>CHKD:JBINGHAM 2007/07/25<br>APPR:JBINGHAM 2007/07/25<br>REV<br>C2 | QUALITY SYMBOLS<br><br>▽.0<br><br>▽.0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | SCALE<br>4:1               | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION                                              | REVISE ON CAD ONLY |                                                                            |  |                    |
|                                                                                                                                    |                                       |             |                                                            |        | DIMENSION STYLE<br>MM ONLY |                        | TITLE<br>VHDM 8-ROW DAUGHTERCARD<br>STACKER CONNECTOR<br>SALES DRAWING |                    |                                                                            |  |                    |
|                                                                                                                                    |                                       |             | 4 PLACES                                                   | ± .000 | ± .000                     | DRAWN BY<br>SREED      | DATE<br>2003/02/27                                                     | MOLEX              | MATERIAL NO.<br>DOCUMENT NO.<br>SHEET NO.<br>SEE CHART SD-75117-001 2 OF 2 |  |                    |
|                                                                                                                                    |                                       |             | 3 PLACES                                                   | ± .000 | ± .000                     | CHECKED BY<br>JBINGHAM | DATE<br>2003/02/27                                                     |                    |                                                                            |  |                    |
|                                                                                                                                    |                                       |             | 2 PLACES                                                   | ± 0.05 | ± .000                     | APPROVED BY<br>CBIXLER |                                                                        |                    |                                                                            |  | DATE<br>2003/02/27 |
|                                                                                                                                    |                                       |             | 1 PLACE                                                    | ± 0.10 | ± .000                     |                        |                                                                        |                    |                                                                            |  |                    |
|                                                                                                                                    |                                       |             | ANGULAR ± 2 °                                              |        |                            |                        |                                                                        |                    |                                                                            |  |                    |
|                                                                                                                                    |                                       |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                            |                        |                                                                        |                    |                                                                            |  |                    |
|                                                                                                                                    |                                       |             |                                                            |        |                            |                        |                                                                        |                    |                                                                            |  |                    |
|                                                                                                                                    |                                       |             |                                                            |        |                            |                        |                                                                        |                    |                                                                            |  |                    |
|                                                                                                                                    |                                       |             |                                                            |        |                            |                        |                                                                        |                    |                                                                            |  |                    |

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

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- 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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- Регистрацию проекта у производителя компонентов.
- 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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