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Part Number:

0738090209

Status:

Active

Overview:

[hdm](#)

Description:

2.00mm (.079") Pitch HDM® Board-to-Board Midplane Header, Vertical, Press-Fit, Closed End, Guide Post B Location, E Polarization Key, 72 Circuits

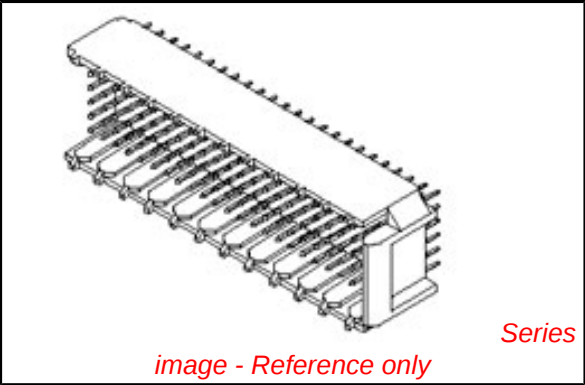
Documents:

[Drawing \(PDF\)](#)

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

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| CSA                            | LR19980                        |
| UL                             | E29179                         |
| General                        |                                |
| Product Family                 | Backplane Connectors           |
| Series                         | <a href="#">73809</a>          |
| Application                    | Midplane                       |
| Component Type                 | Shroud Housing                 |
| Overview                       | <a href="#">hdm</a>            |
| Product Name                   | HDM®                           |
| Style                          | N/A                            |
| Physical                       |                                |
| Circuits (Loaded)              | 72                             |
| Circuits (maximum)             | 72                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 250                            |
| First Mate / Last Break        | No                             |
| Flammability                   | 94V-0                          |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | Yes                            |
| Material - Metal               | Stainless Steel                |
| Material - Resin               | High Temperature Thermoplastic |
| Number of Columns              | 12                             |
| Number of Pairs                | Open Pin Field                 |
| Number of Rows                 | 6                              |
| Orientation                    | Vertical                       |
| PCB Retention                  | None                           |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface (in)  | 0.079 In                       |
| Pitch - Mating Interface (mm)  | 2.00 mm                        |
| Stackable                      | Yes                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -55°C to +105°C                |
| Electrical                     |                                |
| Current - Maximum per Contact  | 1A                             |
| Data Rate                      | 1.0 Gbps                       |
| Real Signals (per 25mm)        | 72                             |
| Voltage - Maximum              | 250V AC                        |
| Material Info                  |                                |
| Reference - Drawing Numbers    |                                |
| Packaging Specification        | PK-70873-0818                  |
| Sales Drawing                  | SD-73809-001                   |

HDM and High Density Metric are trademarks of Amphenol Corporation



EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

[73809Series](#)

Mates With

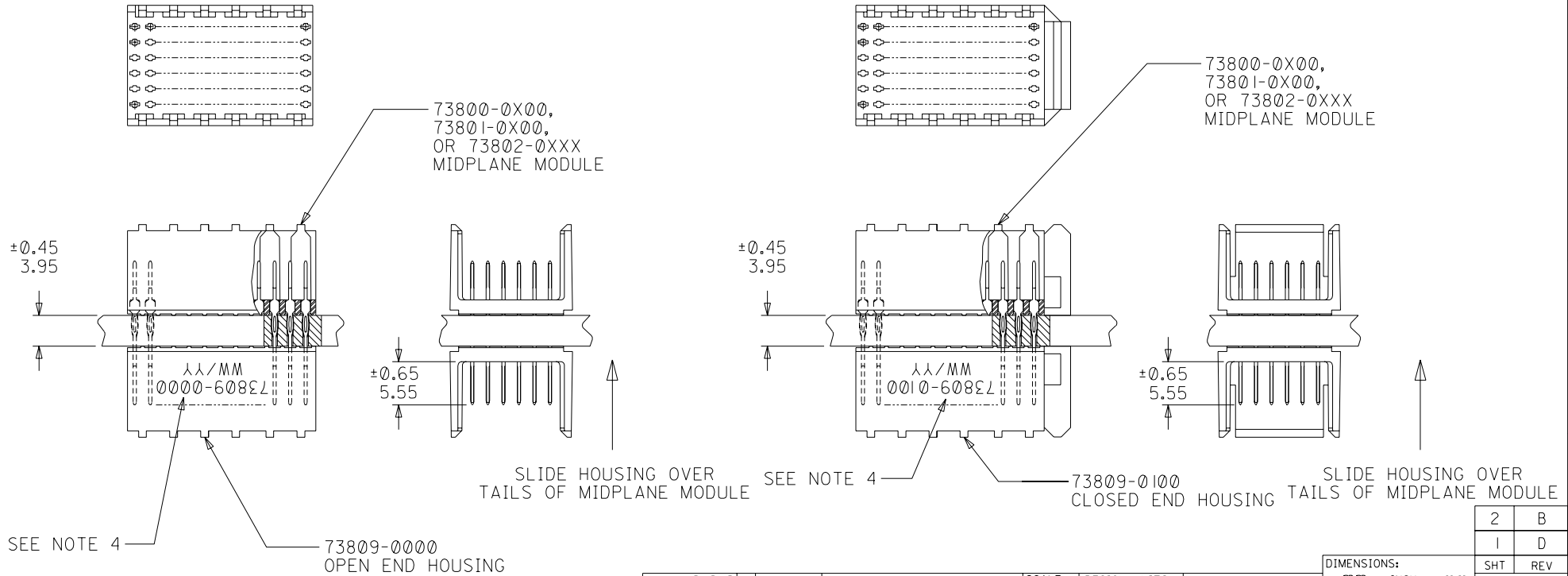
[73632](#) HDM PLUS® Board-to-Board Daughtercard Receptacle. [73780](#) HDM® Board-to-Board Daughtercard Receptacle

This document was generated on 05/14/2010

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NOTES:

1. HOUSING MATERIALS: LIQUID CRYSTAL POLYMER (LCP),  
GLASS-FILLED, UL94V-0, COLOR: BLACK.
2. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION  
PS-73670-9999.
3. SEE DRAWINGS SD-73800-001, SD-73801-001, AND  
SD-73802-001 FOR DIMENSIONAL INFORMATION.
4. PARTS MARKED WITH PART NUMBER AND DATE CODE, ON EITHER SIDE,  
APPROXIMATELY WHERE SHOWN.
5. PARTS PACKAGED PER PK-70873-0818.



|                                                                                                              |                                  |                                           |                 |                                                                                                                                   |                                                                                      |                                                                                                      |                                                                                                                      |  |          |          |
|--------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--|----------|----------|
| REVISED<br>EC NO: UCP2003-2260<br>DRWN: THOMAS 03/04/25<br>CHK: BINGHAM 03/04/25<br>APPR: REED 03/04/25<br>D | DESCRIPTION<br>MAJOR<br>CRITICAL | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED) |                 | SCALE<br>2 : 1                                                                                                                    | DESIGN UNITS<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH | THIRD ANGLE<br>PROJECTION                                                                            | DIMENSIONS:<br><input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY |  | SHT<br>2 | REV<br>B |
|                                                                                                              |                                  | 4 PLACES                                  | ±0.             | ±.                                                                                                                                | DRAWN BY & DATE<br>JBINGHAM 97/06/19                                                 | TITLE: SALES ASSEMBLY, HDM<br>DOUBLE-END MIDPLANE, 72 POS.<br>SLIDE-ON HOUSING<br>MOLEX INCORPORATED |                                                                                                                      |  |          |          |
|                                                                                                              |                                  | 3 PLACES                                  | ±0.             | ±.                                                                                                                                | CHECKED BY & DATE<br>SREED 97/06/19                                                  |                                                                                                      |                                                                                                                      |  |          |          |
|                                                                                                              |                                  | 2 PLACES                                  | ±0.05           | ±.                                                                                                                                | APPROVED BY & DATE<br>CBIXLER 97/06/19                                               |                                                                                                      |                                                                                                                      |  |          |          |
| 1 PLACE                                                                                                      | ±0.15                            | ±.                                        | ANGULAR: ± 1/2° | CAD FILENAME<br>S73809X1.DGN                                                                                                      | MATERIAL NO.<br>SEE CHART                                                            | DRAWING NO.<br>SD-73809-001                                                                          | SHEET NO.<br>1 OF 2                                                                                                  |  |          |          |
| DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS                                                      |                                  |                                           |                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |                                                                                      |                                                                                                      |                                                                                                                      |  |          |          |

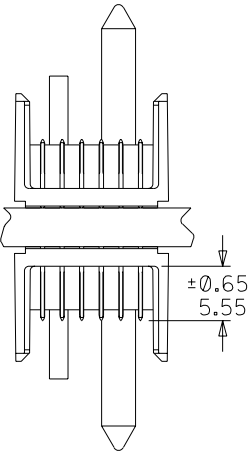
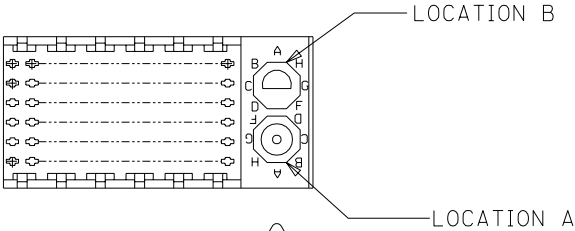
MATERIAL NUMBER ASSIGNMENT

73809- \* \* \* \*

Ø = 72-CIRCUIT

Ø = OPEN END VERSION  
1 = CLOSED END VERSION  
2 = POLAR/GUIDE VERSION

73800-ØXØØ,  
73801-ØXØØ,  
OR 73802-ØXXX  
MIDPLANE MODULE



73809-02XX  
POLAR/GUIDE HOUSING

| NUMBER | GUIDE POST LOCATION | POLAR KEY POSITION |
|--------|---------------------|--------------------|
| 00     | N/A                 | N/A                |
| 01     | B                   | A                  |
| 02     | A                   | A                  |
| 03     | B                   | B                  |
| 04     | A                   | B                  |
| 05     | B                   | C                  |
| 06     | A                   | C                  |
| 07     | B                   | D                  |
| 08     | A                   | D                  |
| 09     | B                   | E                  |
| 10     | A                   | E                  |
| 11     | B                   | F                  |
| 12     | A                   | F                  |
| 13     | B                   | G                  |
| 14     | A                   | G                  |
| 15     | B                   | H                  |
| 16     | A                   | H                  |
| 17     | B                   | N/A                |
| 18     | A                   | N/A                |

SEE SHEET 1  
EC No. UDT2000-0443  
DRWN:JBINGHAM 99/11/04  
CHK: SREED 99/11/04  
APPR:CBIXLER 99/11/04  
B

DESCRIPTION  
REV

QUALITY SYMBOLS  
MAJOR  
CRITICAL

GENERAL TOLERANCES:  
(UNLESS SPECIFIED)  
4 PLACES ±0.  
3 PLACES ±0.  
2 PLACES ±0.05  
1 PLACE ±0.10  
ANGULAR: ± 1/2°  
DRAFT WHERE APPLICABLE MUST  
REMAIN WITHIN DIMENSIONS

SCALE  
2 : 1  
DESIGN UNITS  
mm  
DRAWN BY & DATE  
JBINGHAM 97/06/19  
CHECKED BY & DATE  
SREED 97/06/19  
APPROVED BY & DATE  
CBIXLER 97/06/19  
CAD FILENAME  
S73809X2.DGN

TITLE: SALES ASSEMBLY, HDM  
DOUBLE-END MIDPLANE, 72 POS.  
SLIDE-ON HOUSING  
MOLEX INCORPORATED  
MATERIAL NO.  
DRAWING NO.  
SHEET NO.

REVISIONS  
REV  
REVISE ON  
CAD ONLY

INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

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.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- 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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