

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0738090218](#)
Status: **Active**
Overview: [hdm](#)
Description: 2.00mm (.079") Pitch HDM® Board-to-Board Midplane Header, Vertical, Press-Fit, Closed End, Guide Post A Location, No Polarization Key, 72 Circuits

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [73809](#)
Application Midplane
Component Type Shroud Housing
Overview [hdm](#)
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 No
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

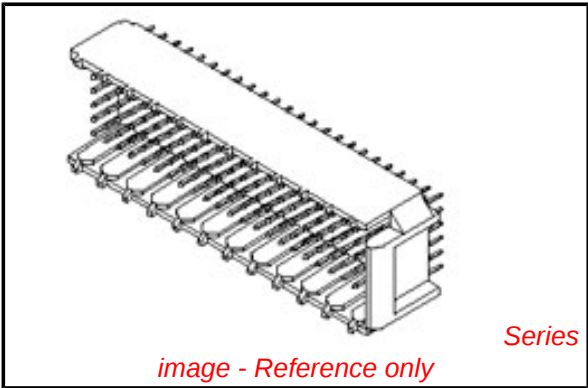
Electrical

Current - Maximum per Contact 1A
Data Rate 1.0 Gbps
Real Signals (per 25mm) 72
Voltage - Maximum 250V AC

Solder Process Data

Lead-free Process Capability Reflow Capable (SMT only)
Process Temperature max. C 260

Material Info



EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

China RoHS

Pb

Need more information on product environmental compliance?

Email 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

Reference - Drawing Numbers

Packaging Specification	PK-70873-0818
Sales Drawing	SD-73809-001

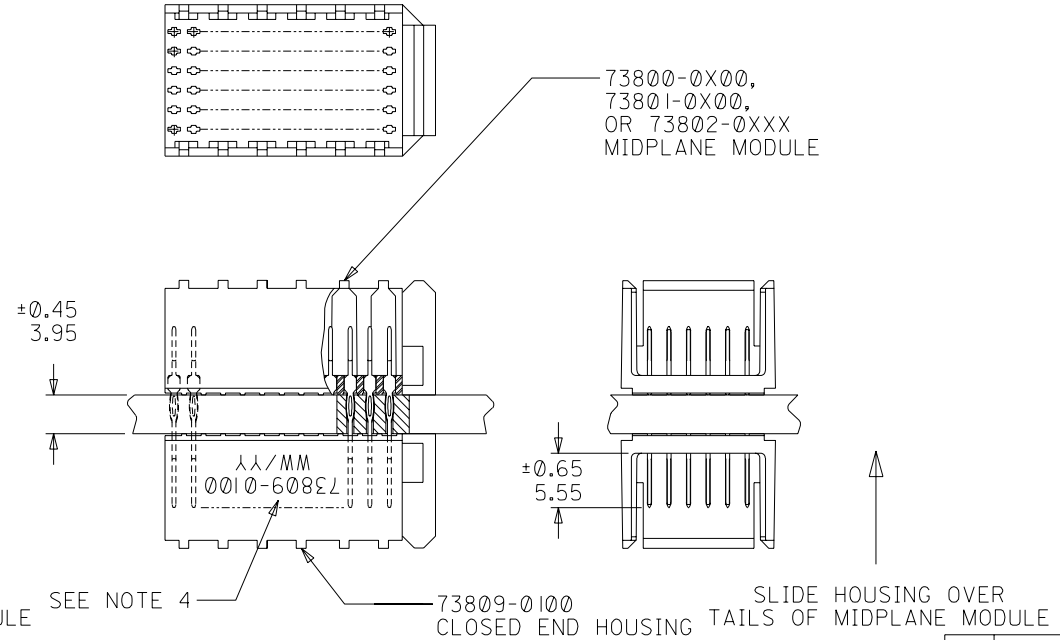
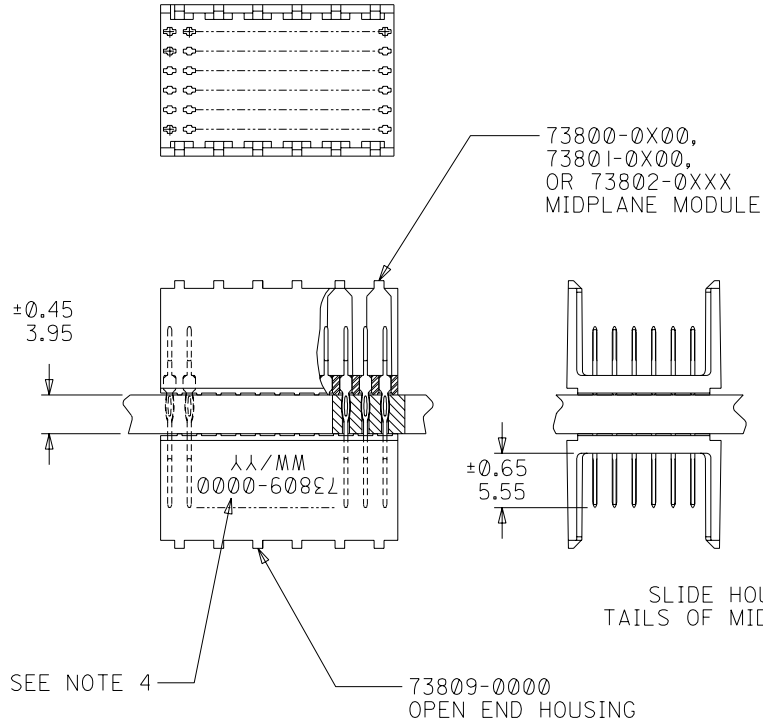
HDM and High Density Metric are trademarks of Amphenol Corporation

This document was generated on 05/14/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

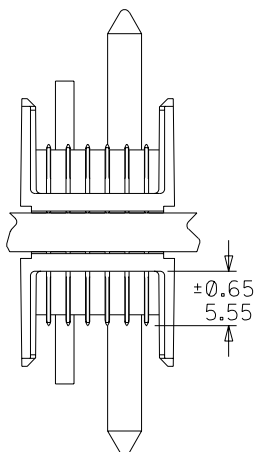
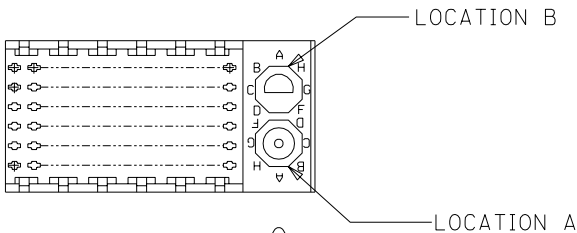
MATERIAL NUMBER ASSIGNMENT

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



SLIDE HOUSING OVER
TAILS OF MIDPLANE MODULE

73809-02XX
POLAR/GUIDE HOUSING

SEE NOTE 5

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

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
INCH
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.

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

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9