

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0738090200
Status: Active
Overview: hdm
Description: 2.00mm (.079") Pitch HDM® Board-to-Board Midplane Header, Vertical, Press-Fit, Closed End, Guide Post No Location, No Polarization Key, 72 Circuits

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

Agency Certification

CSA LR19980
UL E29179

General

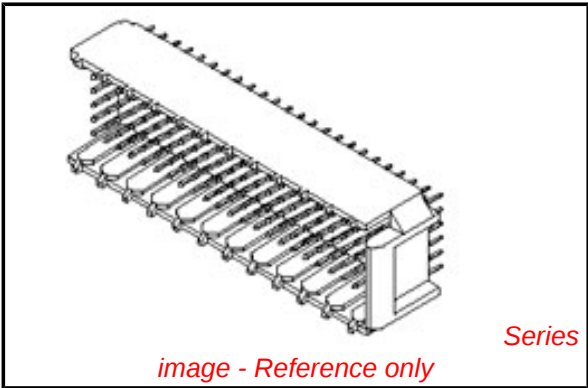
Product Family Backplane Connectors
Series 73809
Application Midplane
Component Type Shroud Housing
Overview hdm
Product Name HDM®
Style N/A

Physical

Circuits (Loaded) N/A
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 - Resin High Temperature Thermoplastic
Number of Columns 12
Number of Pairs Open Pin Field
Number of Rows 6
Orientation Vertical
PC Tail Length (in) 0.000 In
PC Tail Length (mm) 0.00 mm
PCB Locator No
PCB Retention None
PCB Thickness Recommended (in) 0.098 In
PCB Thickness Recommended (mm) 2.50 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
Polarized to PCB No
Stackable No
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) 75



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
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

Shielded
Voltage - Maximum

No
250V AC

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-70873-0818
SD-73809-001

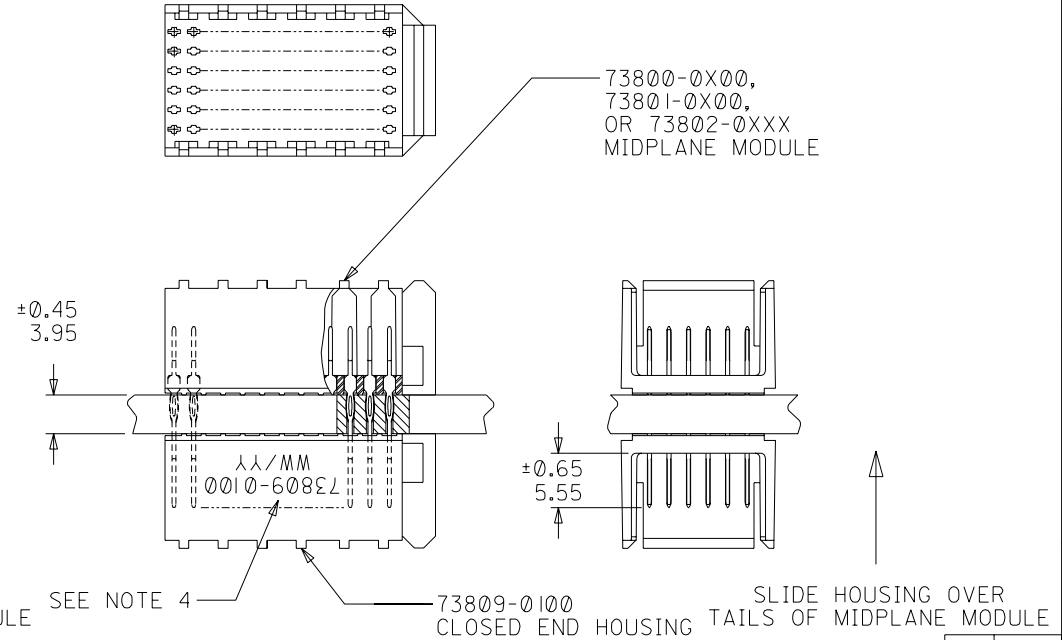
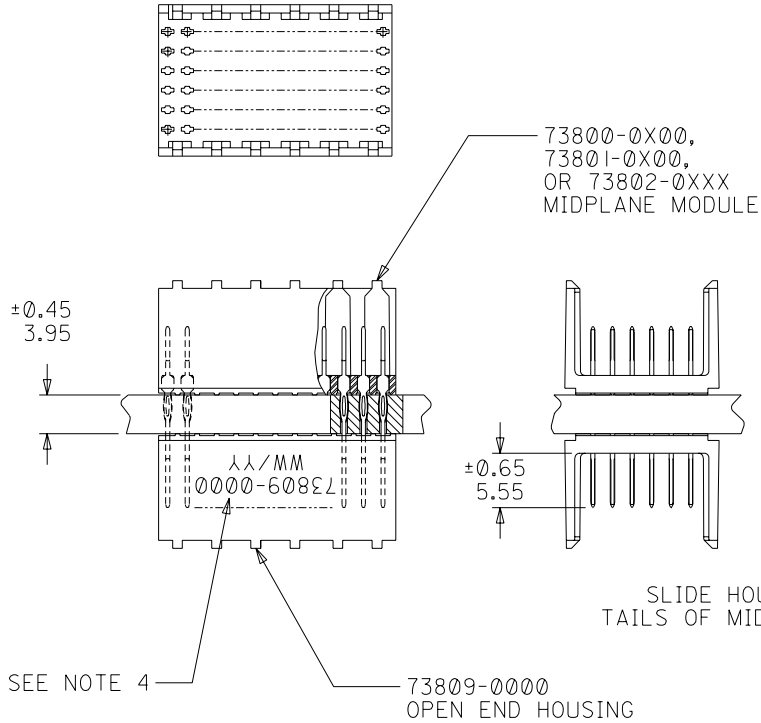
HDM and High Density Metric are trademarks of Amphenol Corporation

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

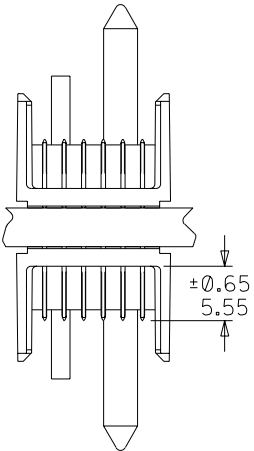
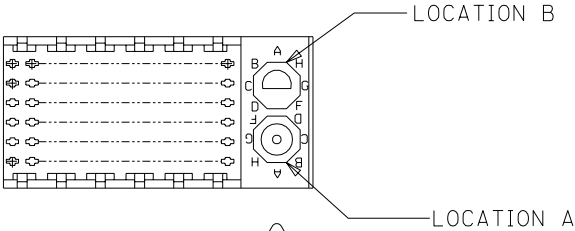
MATERIAL NUMBER ASSIGNMENT

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

MAJOR
CRITICAL

DESCRIPTION

REV

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

4 PLACES ±0.1

3 PLACES ±0.1

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

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

DIMENSIONS:
mm INCH mm ONLY

SHT
REV

REVISE ON
CAD ONLY

TITLE: SALES ASSEMBLY, HDM
DOUBLE-END MIDPLANE, 72 POS.
SLIDE-ON HOUSING

MOLEX MOLEX INCORPORATED

MATERIAL NO.
SEE CHART

DRAWING NO.
SD-73809-001

SHEET NO.
2

SIZE
B

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

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