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Part Number: [0738090215](#)
Status: **Active**
Overview: [hdm](#)
Description: 2.00mm (.079") Pitch HDM® Board-to-Board Midplane Header, Vertical, Press-Fit, Closed End, Guide Post B Location, H 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 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

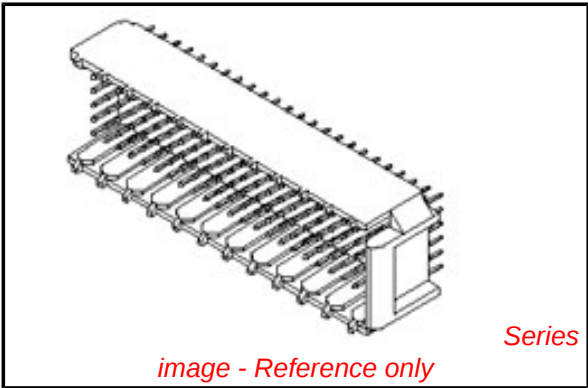
Current - Maximum per Contact 1A
Data Rate 1.0 Gbps
Real Signals (per 25mm) 72
Voltage - Maximum 250V AC

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
Compliance Status
Not Reviewed
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS

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](#)

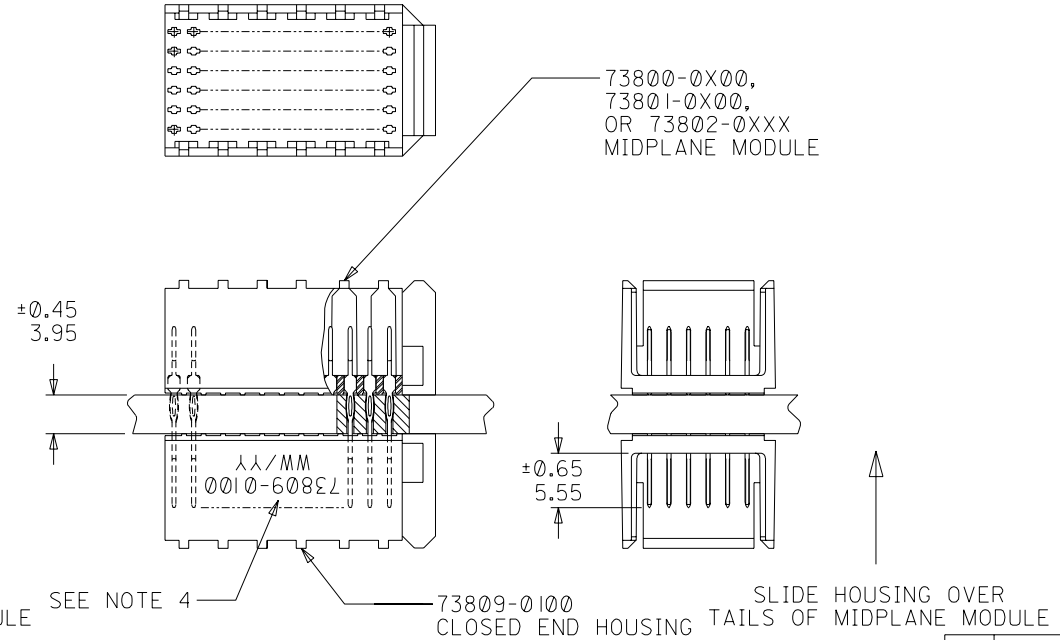
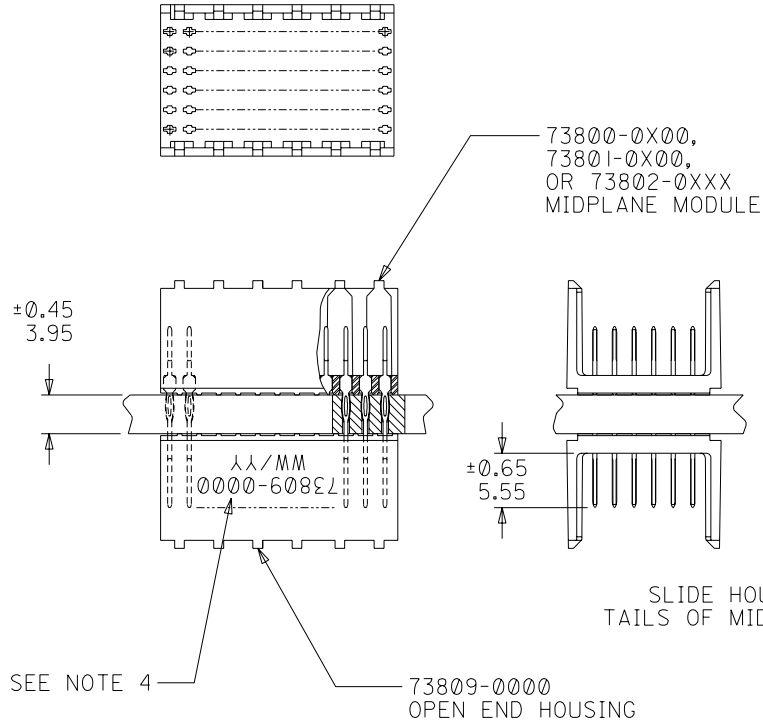
Mates With
[73632](#) HDM PLUS® Board-to-Board Daughtercard Receptacle. [73780](#) HDM® Board-to-Board Daughtercard Receptacle

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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 MAJOR CRITICAL	QUALITY SYMBOLS		GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2 : 1	DESIGN UNITS ☒ mm ☐ INCH		 THIRD ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	REVISE ON CAD ONLY	
	 = 0  = 0		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								
			2 PLACES		±0.05		±.										
1 PLACE		±0.15		±.		CAD FILENAME S73809X1.DGN		MATERIAL NO. SEE CHART		DRAWING NO. SD-73809-001		SHEET NO. 1 OF 2					
ANGULAR: ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED													
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE B													

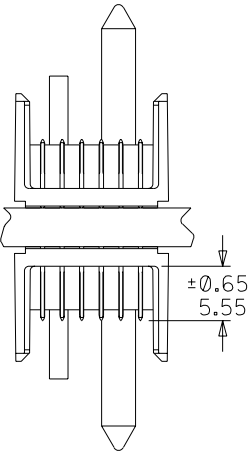
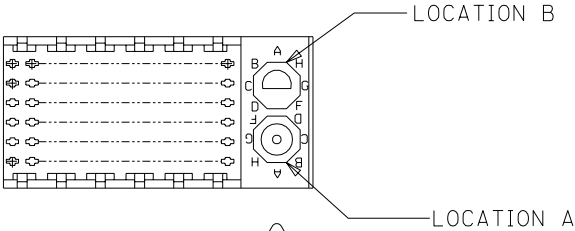
MATERIAL NUMBER ASSIGNMENT

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 B	DESCRIPTION MAJOR CRITICAL C=0	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2 : 1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ 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	APPROVED BY & DATE CBIXLER 97/06/19			
			3 PLACES	±0.	±.	 MOLEX INCORPORATED				
			2 PLACES	±0.05	±.					
1 PLACE	±0.10	±.	CAD FILENAME S73809X2.DGN	MATERIAL NO. SEE CHART	DRAWING NO. SD-73809-001	SHEET NO. 2				
REV			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

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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.

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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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