

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0738101217

Status:

Active

Overview:

[hdm](#)

Description:

2.00mm (.079") Pitch HDM® Board-to-Board Midplane Header, Vertical SMC, Press-Fit, Double End Option, Slide On Housing, 144 Circuits

Documents:

[Drawing \(PDF\)](#)

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

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

[73810](#)

Application

Midplane

Comments

Polar/Guide Version

Component Type

PCB Header

Overview

[hdm](#)

Product Name

HDM®

Style

N/A

Physical

Circuits (Loaded)

N/A

Circuits (maximum)

144

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

None

Material - Metal

Stainless Steel

Material - Resin

High Temperature Thermoplastic

Number of Columns

24

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

Packaging Type

Tube

Pitch - Mating Interface (in)

0.079 In

Pitch - Mating Interface (mm)

2.00 mm

Polarized to PCB

N/A

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)

0

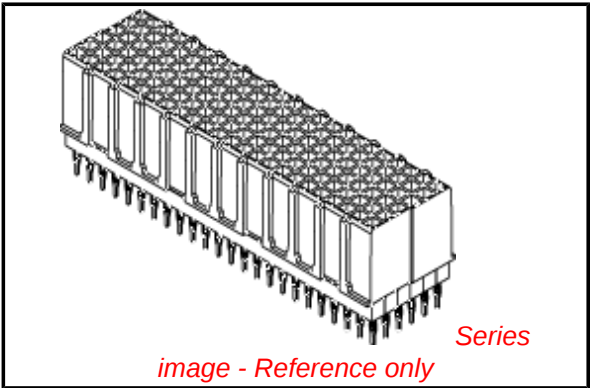
Voltage - Maximum

250V AC

Solder Process Data

Lead-free Process Capability

Reflow Capable (SMT only)



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

[73810Series](#)

Mates With

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

Process Temperature max. C260

Material Info

Reference - Drawing Numbers

Sales DrawingSD-73810-001

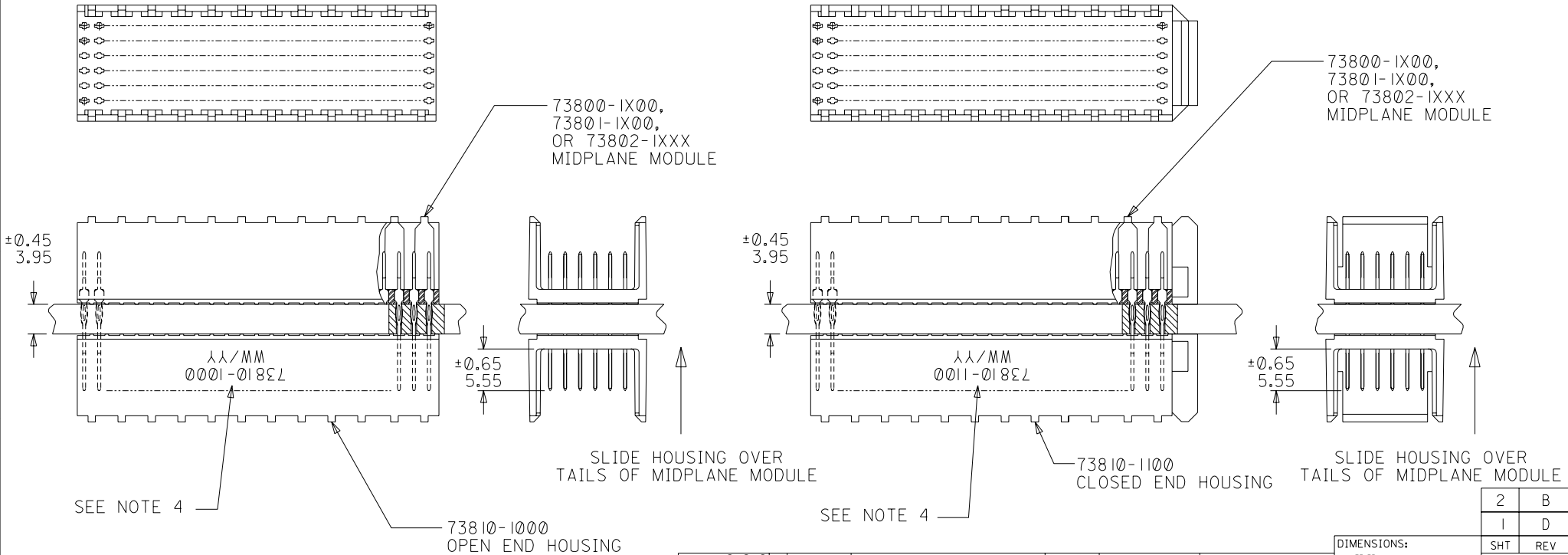
HDM and High Density Metric are trademarks of Amphenol Corporation

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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 D	DESCRIPTION MAJOR = 0 CRITICAL C = 0	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		
				mm	INCH	DRAWN BY & DATE JBINGHAM 97/06/19		TITLE: SALES ASSEMBLY, HDM DOUBLE-END MIDPLANE, 144 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 S73810X1.DGN							MATERIAL NO. SEE CHART
				1 PLACE	±0.10	±.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B					
				ANGULAR: ± 1/2°										
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

—LOCATION A

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

SLIDE HOUSING OVER
TAILS OF MIDPLANE MODULE

SEE NOTE 5

- 73810-12XX
POLAR/GUIDE HOUSING

SEE SHEET 1	EC NO. UDT2000-0443 DRAWN:JBINGHAM 99/11/04 CHK: SREED 99/11/04 APPR:CBIXLER 99/11/04	DESCRIPTION REV	QUALITY SYMBOLS MAJOR $\nabla = 0$ CRITICAL $\nabla = 0$	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2 : 1	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	☐ mm INCH ☐ INCH MM ☒ mm ONLY	SH1 REV REVISE ON CAD ONLY
				mm	INCH	DRAWN BY & DATE JBINGHAM 97/06/19	TITLE: SALES ASSEMBLY, HDM DOUBLE-END MIDPLANE, 144 POS. SLIDE-ON HOUSING			
				4 PLACES $\pm 0.$	$\pm.$	CHECKED BY & DATE SREED 97/06/19				
				3 PLACES $\pm 0.$	$\pm.$	APPROVED BY & DATE CBIXLER 97/06/19	MOLEX INCORPORATED			
				2 PLACES ± 0.05	$\pm.$					
				1 PLACE ± 0.10	$\pm.$					
				ANGULAR: $\pm 1/2^\circ$		CAD FILENAME S73810X2.DGN	MATERIAL NO. SEE CHART	DRAWING NO. SD-73810-001	SHEET NO. 2	
B				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



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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