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Part Number: [0738101204](#)
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

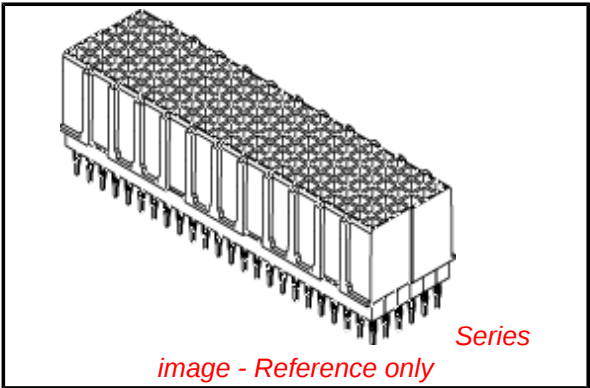
Circuits (Loaded) N/A
Circuits (maximum) 144
Color - Resin Black
Durability (mating cycles max) 250
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part Yes
Keying to Mating Part Yes
Material - Metal Stainless Steel
Material - Resin High Temperature Thermoplastic
Number of Columns 24
Number 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
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
[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

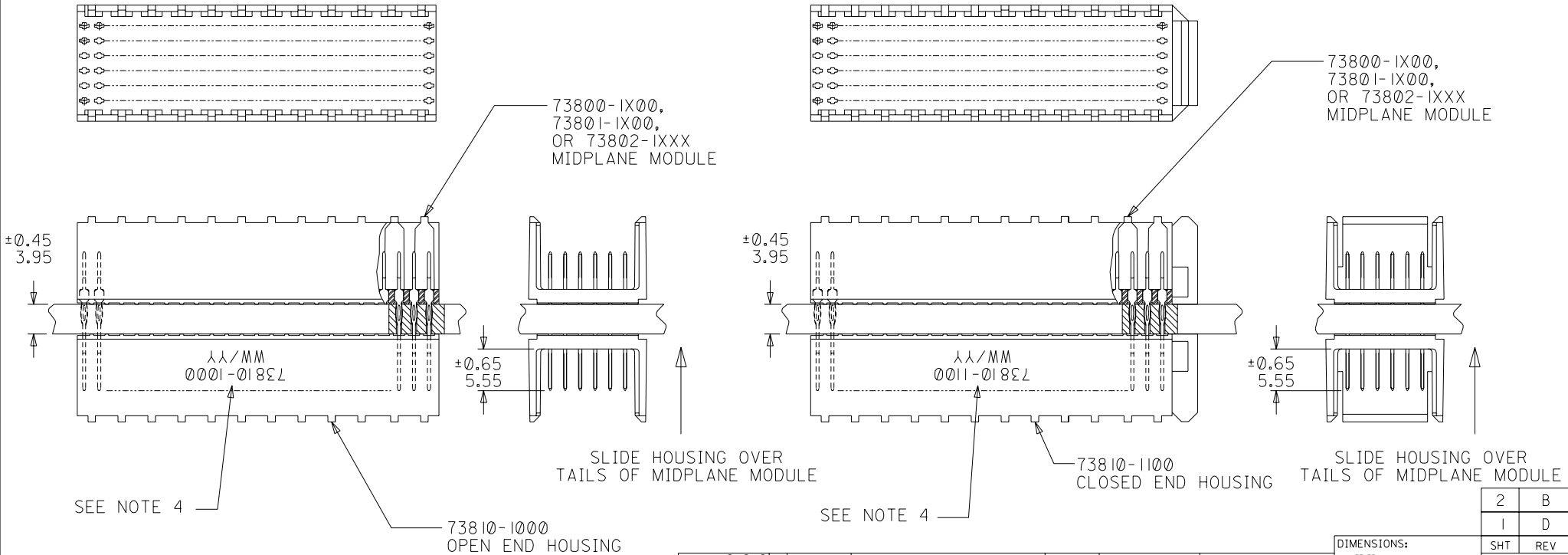
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This document was generated on 05/14/2010

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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	DESCRIPTION	QUALITY SYMBOLS MAJOR = 0 CRITICAL C = 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, 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	DRAWING NO. SD-73810-001	SHEET NO. 1 OF 2	
			1 PLACE ±0.10 ±.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								
			ANGULAR: ± 1/2°						SIZE B			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
			D	REV								

10 9 8 7 6 5 4 3 2 73810

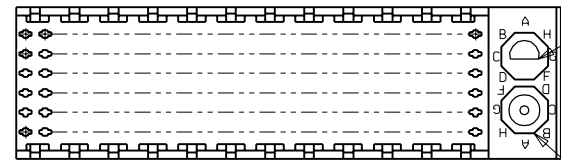
MATERIAL NUMBER ASSIGNMENT

73810- * * *

I = 144-CIRCUIT

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

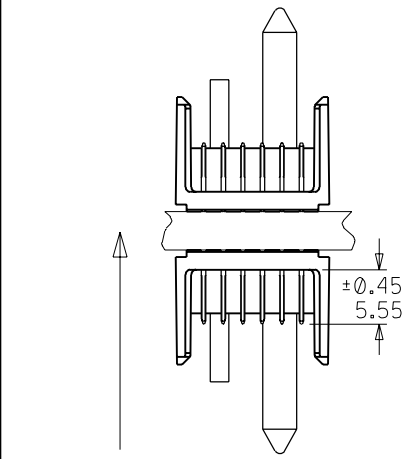
73800-1X00,
73801-1X00,
OR 73802-1XXX
MIDPLANE MODULE



LOCATION B

LOCATION A

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



SLIDE HOUSING OVER
TAILS OF MIDPLANE MODULE

SEE NOTE 5

73810-12XX
POLAR/GUIDE HOUSING

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

DESCRIPTION
MAJOR
CRITICAL
REV

QUALITY SYMBOLS
MAJOR
CRITICAL

GENERAL TOLERANCES:
(UNLESS SPECIFIED)
mm INCH
4 PLACES ±0. mm ±.
3 PLACES ±0. mm ±.
2 PLACES ±0.05 mm ±.
1 PLACE ±0.10 mm ±.
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
S73810X2.DGN
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

TITLE: SALES ASSEMBLY, HDM
DOUBLE-END MIDPLANE, 144 POS.
SLIDE-ON HOUSING
MATERIAL NO. SEE CHART
DRAWING NO. SD-73810-001
SHEET NO. 2
SIZE B

DIMENSIONS:
mm INCH mm INCH mm ONLY
SHT REV
REVISE ON
CAD ONLY

9 8 7 6 5 4 3 2 1

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

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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.

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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

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