

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0738001200

Status:

Active

Overview:

[hdm](#)

Description:

2.00mm (.079") Pitch HDM® Board-to-Board Midplane Header, Vertical, SMC, Press-Fit, Long Pin, Open End Option, 144 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Test Summary \(PDF\)](#)

[Product Specification PS-73780-999 \(PDF\)](#)

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

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

73800

Application

Midplane

Component Type

PCB Header

Overview

[hdm](#)

Product Name

HDM®

Style

N/A

Physical

Circuits (Loaded)

144

Circuits (maximum)

144

Color - Resin

Black, Natural

Durability (mating cycles max)

250

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

No

Keying to Mating Part

None

Material - Plating Mating

Gold

Material - Plating Termination

Gold

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)

0.453 In

PC Tail Length (mm)

11.50 mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness Recommended (in)

0.157 In

PCB Thickness Recommended (mm)

4.00 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

Plating min: Mating (µin)

30

Plating min: Mating (µm)

0.75

Plating min: Termination (µin)

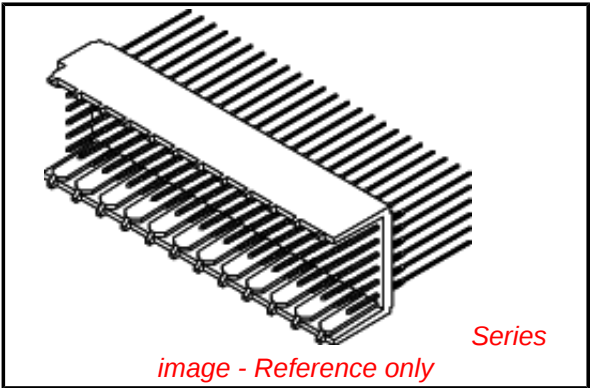
2

Plating min: Termination (µm)

0.05

Polarized to PCB

No



EU RoHS

ELV and RoHS

Compliant

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
73800Series

Mates With
73632 HDM PLUS® Board-to-Board Daughtercard Receptacle. 73780 HDM® Board-to-Board Daughtercard Receptacle

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Flat Rock Tooling for

0622013700

Pneumatic Press

HDM® Backplane

0622005703

Insertion Head for

144 Positions

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
Shielded	No
Voltage - Maximum	250V AC

Material Info

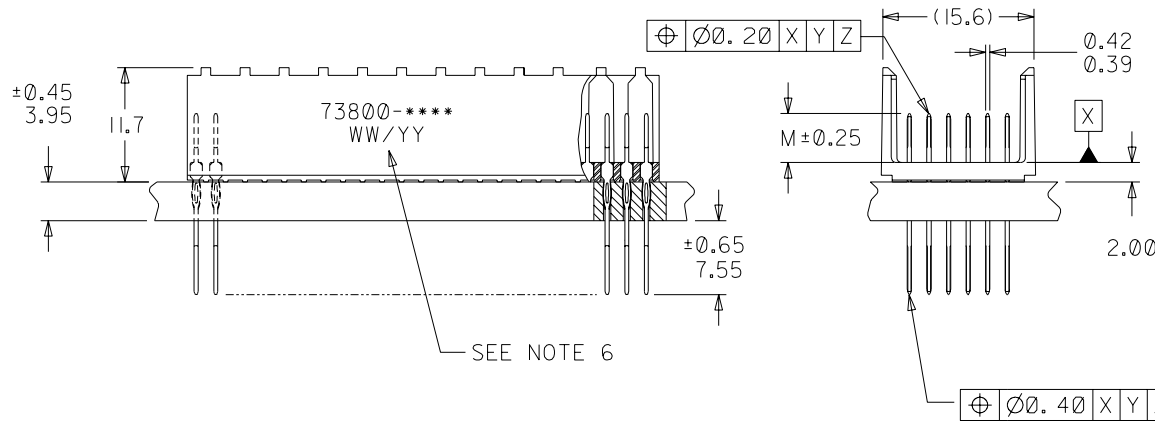
Reference - Drawing Numbers

Packaging Specification	PK-70873-0868
Product Specification	PS-73780-999
Sales Drawing	SD-73800-001

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REVISED	EC NO. UCP2004-1438	QUALITY SYMBOL
DRWN: BINGHAM	04/02/04	MAJOR  = 0
CHK: REED	04/02/04	CRITICAL  = 0
APPR: BIXLER	04/02/04	
REV	DESCRIPTION	

GENERAL TOLERANCES: (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	$\pm 0.$	$\pm .$
3 PLACES	$\pm 0.$	$\pm .$
2 PLACES	± 0.05	$\pm .$
1 PLACE	± 0.10	$\pm .$
ANGULAR: $\pm 1/2^\circ$		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

SCALE 2 : 1	DESIGN UNITS ☒ mm ☐ INCH
DRAWN BY & DATE JBINGHAM 97/05/16	
CHECKED BY & DATE SREED 97/05/16	
APPROVED BY & DATE CBIXLER 97/05/16	
CAD FILENAME S73800X1.DGN	
THIS DRAWING CONTAINS INCORPORATED AND SHOWN	

	THIRD ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	REVISE ON CAD ONLY
TITLE:		SALES ASSEMBLY HDM DOUBLE-END MIDPLANE OPEN END OPTION			
		MOLEX INCORPORATED			
MATERIAL NO.		DRAWING NO.		SHEET NO.	
SEE CHART		SD-73800-001		1 OF 1	
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE B