

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0678008035

Status:

Active

Overview:

serial_ata_products

Description:

1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, for 1.60mm (.063") PCB, Blue, Footprint A, with PCB Locator Tabs, Lead-free

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR 19980

UL

E29179

General

Product Family

PCB Headers

Series

67800

Application

Board-to-Board, Wire-to-Board

Comments

In-line Solder Pin|Footprint A

Overview

serial_ata_products

Product Name

Serial ATA

Physical

Breakaway

No

Circuits (Loaded)

7

Circuits (maximum)

7

Color - Resin

Blue

Durability (mating cycles max)

50

First Mate / Last Break

Yes

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

Yes

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polyester

Number of Rows

1

Orientation

Vertical

PC Tail Length (in)

0.096 In

PC Tail Length (mm)

2.45 mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.60 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.050 In

Pitch - Mating Interface (mm)

1.27 mm

Pitch - Term. Interface (in)

0.050 In

Pitch - Term. Interface (mm)

1.27 mm

Plating min: Mating (µin)

15.2

Plating min: Mating (µm)

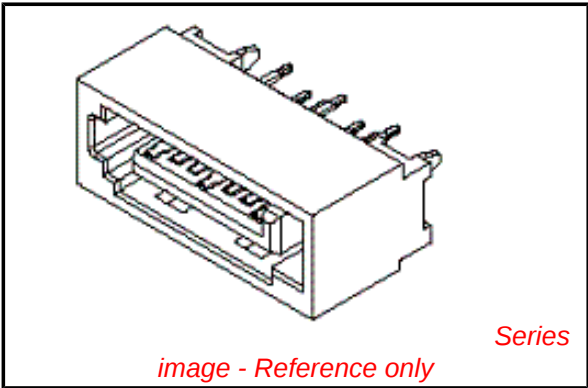
0.38

Plating min: Termination (µin)

76

Plating min: Termination (µm)

1.9



EU RoHS

ELV and RoHS

Compliant

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.

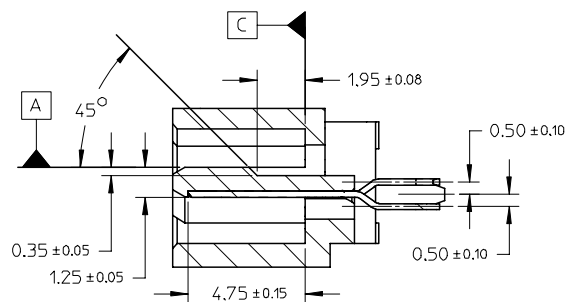
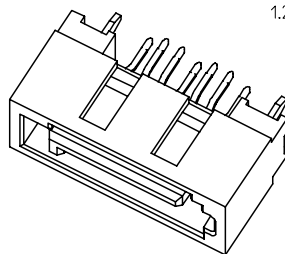
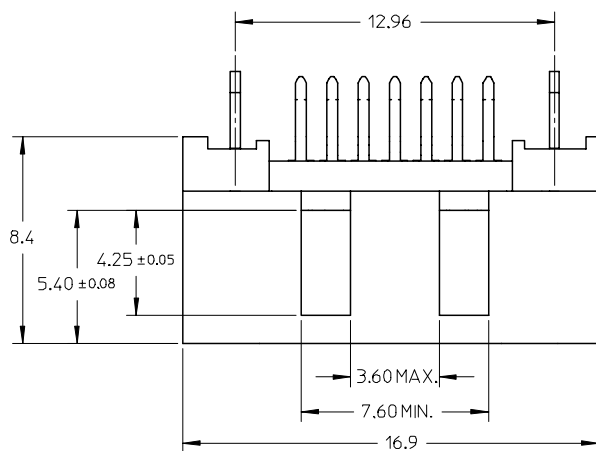
Search Parts in this Series

67800Series

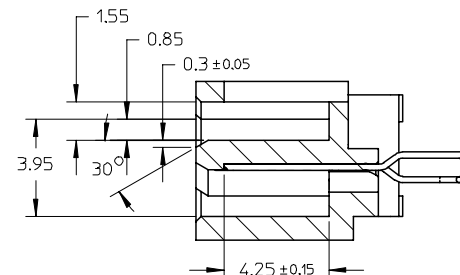
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	1.5A
Voltage - Maximum	15V
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-67800-001
Sales Drawing	SD-67800-008

This document was generated on 05/26/2010

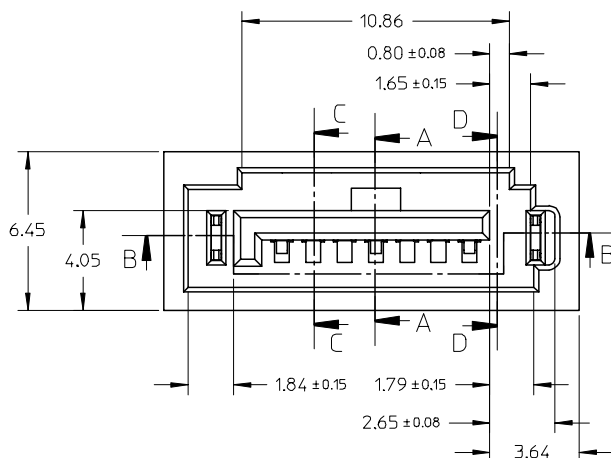
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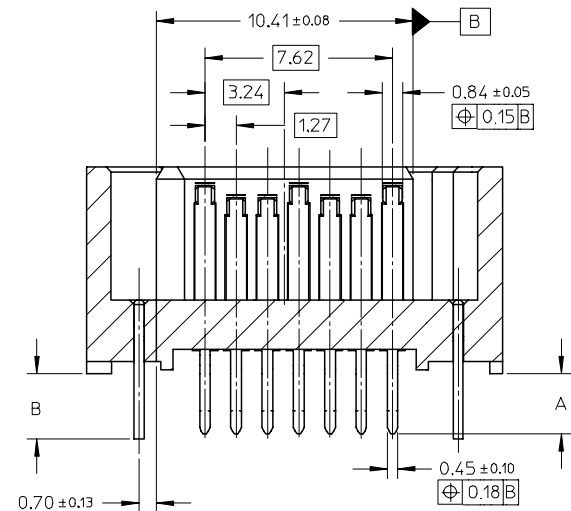
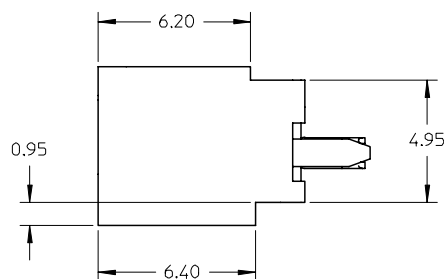
SECTION A-A



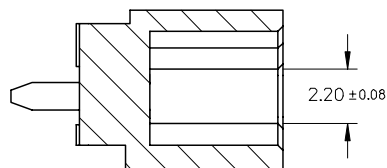
SECTION C-C



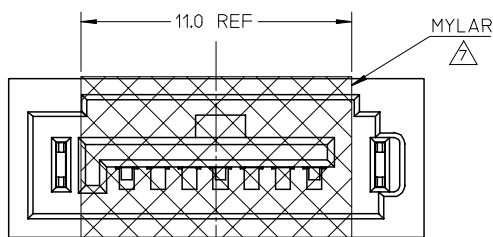
SECTION D-D



SECTION B-B

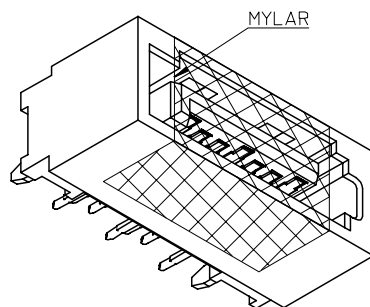


ADD PART NUMBER EC NO: SH2007-0324 DRWN: B. CHEN26 CHKD: J. TIAN APPR: J. CHEN	2006/11/06 2006/11/06 2006/11/15	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					mm		INCH		DRAWN BY DATE		TITLE HIGH SPEED CONNECTOR 1.27MM PITCH VERTICAL DIP SOLDER TAIL MOLEX INCORPORATED				
					4 PLACES ± --- ± ---		GRATE 2004/02/02								
					3 PLACES ± --- ± ---		CHECKED BY DATE								
					2 PLACES ± 0.15 ± ---		YA JUN 2004/02/02								
					1 PLACE ± 0.25 ± ---		APPROVED BY DATE		DOCUMENT NO. SD-67800-008				SHEET NO. 1 OF 2		
					ANGULAR ± 1 °		SAM 2004/02/02								
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
								SEE SHEET2							
								SIZE A3							



SCHEMATIC DRAWING OF MYLAR
ONLY FOR 678008205
(SCALE 5:1)

7. THE MYLAR STICKED ON THE HOUSING IS JUST USED FOR PICK-UP PLACE, PLEASE REMOVE IT AFTER REFLOW



678008125	SEE NOTE2(c)				HIGH TEMPERATURE THERMAL PLASTIC	BLACK	PURE TIN
678008122	SEE NOTE2(b)	3.25	3.45	2.40+/-0.05			
678008121	SEE NOTE2(a)						
678008115	SEE NOTE2(c)						
678008112	SEE NOTE2(b)	2.85	3.05	2.00+/-0.05			
678008111	SEE NOTE2(a)						
678008205	SEE NOTE2(c)						
678008105	SEE NOTE2(c)	2.45	2.65	1.60+/-0.05			
678008102	SEE NOTE2(b)						
678008101	SEE NOTE2(a)						
MATERIAL NUMBER	PLATING TYPE	DIM A	DIM B	P.C.B THICKNESS	PLASTIC TYPE	PLASTIC COLOR	REMARK

ADD PART NUMBER EC NO: SH2007-0324 DRAWN: BICHEN26 CHKD: JIAN APPR: JNCHEN	2006/11/06 2006/11/06 2006/11/15	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY GRATE	DATE 2004/02/02	TITLE HIGH SPEED CONNECTOR 1.27MM PITCH VERTICAL DIP SOLDER TAIL		
				4 PLACES ± ---	± ---	CHECKED BY YA JUN	DATE 2004/02/02				
				3 PLACES ± ---	± ---	APPROVED BY SAM	DATE 2004/02/02	MOLEX INCORPORATED			
				2 PLACES ± 0.15	± ---	MATERIAL NO.					DOCUMENT NO.
				1 PLACE ± 0.25	± ---	ANGULAR ± 1 °		SEE CHART SD-67800-008			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



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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