

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0678007102

Status:

Active

Overview:

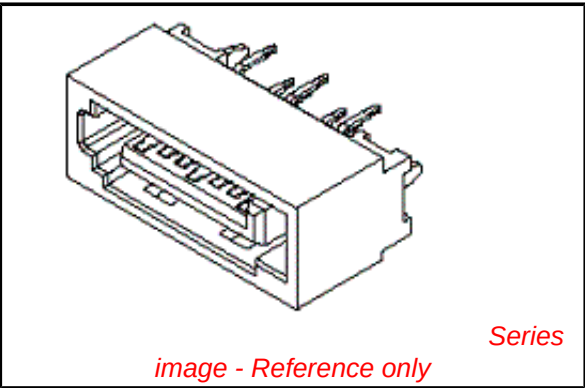
serial_ata_products

Description:

1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, 0.76µm (30µ") Gold (Au) Plating, for 1.60mm (.063") PCB, High Temperature, Black, Footprint B, with PCB Locator Tabs, Lead-free

Documents:	
3D Model	Product Specification PS-67491-001 (PDF)
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	Staggered Solder Pin Footprint B
Overview	serial_ata_products
Product Name	Serial ATA
Physical	
Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
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
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
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-35°C to +85°C



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.

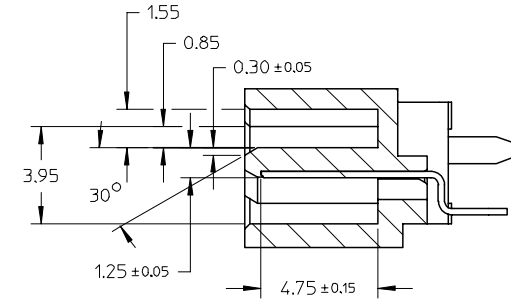
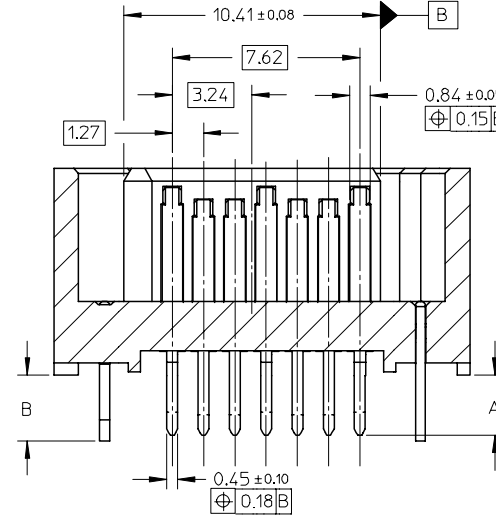
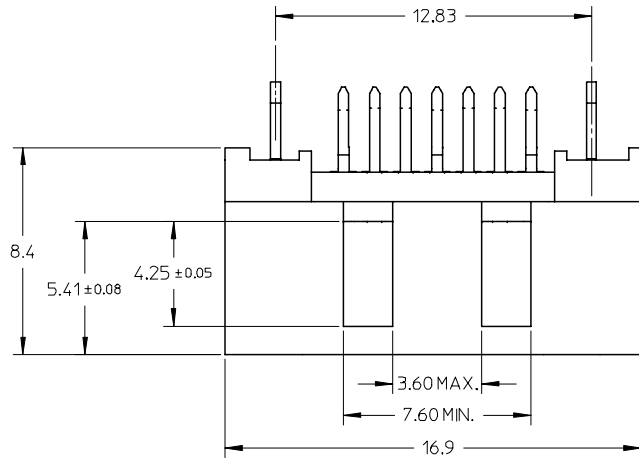
Search Parts in this Series

67800Series

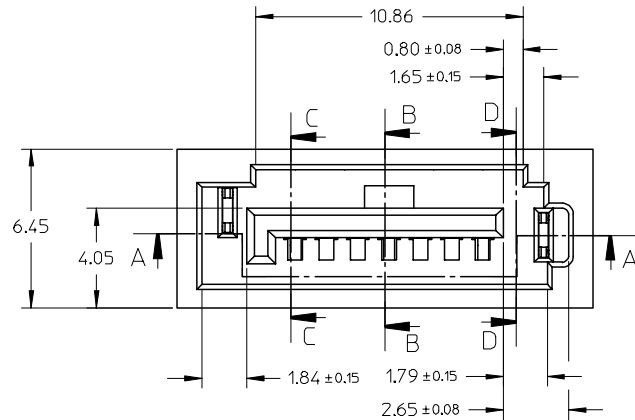
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	1.5A
Voltage - Maximum	15V DC
Solder Process Data	
Lead-free Process Capability	SMC & Wave Capable (TH only)
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-67800-001
Product Specification	PS-67491-001
Sales Drawing	SD-67800-007

This document was generated on 05/26/2010

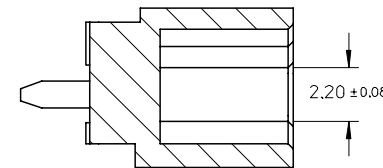
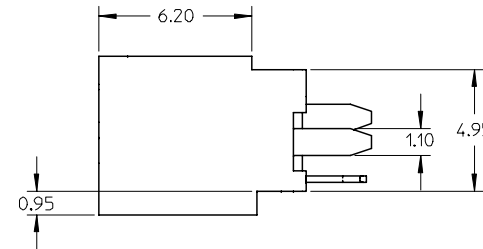
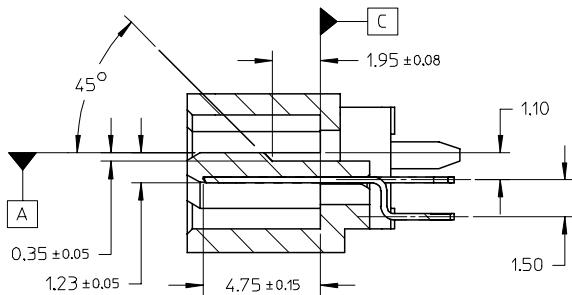
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SECTION C-C

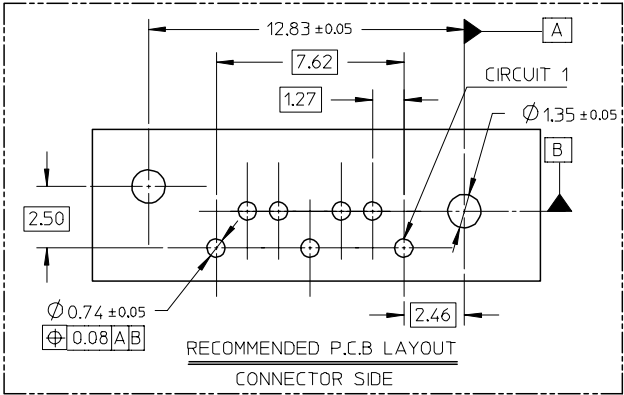


SECTION B-B



SECTION D-D

OBSOLESCE PART EC NO: SH2006-0566 DRWN:BCHENZ6 2006/05/29 CHKD:GRATE MA 2006/05/29 APPR: JNCHEN 2006/05/30	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				
			4 PLACES	± ---	± ---	GRATE MA	2004/02/02					
			3 PLACES	± ---	± ---	CHECKED BY	DATE					
			2 PLACES	± 0.15	± ---	YAJUN	2004/02/02	MOLEX INCORPORATED				
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE					
			ANGULAR ±1/2°		SAM	2004/02/02	SEE SHEET2					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.							DOCUMENT NO. SD-67800-007
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



- NOTES:
- MATERIAL:
HOUSING/COLOR: SEE CHART, GLASS FILLED, UL94V-0
TERMINAL/PEG: BRASS
 - TERMINAL PLATING:
CONTACT AREA: (a) GOLD FLASH
(b) GOLD, THICKNESS=0.76 MICRON MINIMUM
(c) GOLD, THICKNESS=0.38 MICRON MINIMUM
 - SOLDER TAIL: TIN PLATED 1.27 MICRON MINIMUM OVER NICKEL PLATED 1.27 MICRON MINIMUM
 - PEG PLATING: TIN PLATED 1.27 MICRON MINIMUM OVER NICKEL PLATED 1.8 MICRON MINIMUM
 - PACKAGING: TRAY
 - PRODUCT SPECIFICATION REFER TO PS-67491-001
 - RECOMMENDED SOLDERING PROCESS: THERMAL PLASTIC FOR WAVE SOLDEING PROCESS
HIGH TEMPERATURE THERMAL PLASTIC FOR IR SOLDERING PROCESS

678007065	SEE NOTE2(c)			2.40+/-0.05			
678007062	SEE NOTE2(b)	3.25	3.45	2.40+/-0.05			
678007061	SEE NOTE2(a)						
678007055	SEE NOTE2(c)						
678007052	SEE NOTE2(b)	2.85	3.05	2.00+/-0.05	THERMAL	NATURE	
678007051	SEE NOTE2(a)				PLASTIC	COLOR	
678007045	SEE NOTE2(c)						
678007042	SEE NOTE2(b)	2.45	2.65	1.60+/-0.05			
678007041	SEE NOTE2(a)						
678007085	SEE NOTE2(c)						
678007082	SEE NOTE2(b)	3.25	3.45	2.40+/-0.05			
678007081	SEE NOTE2(a)						
678007075	SEE NOTE2(c)						
678007072	SEE NOTE2(b)	2.85	3.05	2.00+/-0.05	THERMAL	PROCESS	
678007071	SEE NOTE2(a)				PLASTIC	BLUE C	
678007035	SEE NOTE2(c)					ΔE<3	
678007032	SEE NOTE2(b)	2.45	2.65	1.60+/-0.05			
678007031	SEE NOTE2(a)						
678007025	SEE NOTE2(c)						
678007022	SEE NOTE2(b)	3.25	3.45	2.40+/-0.05			
678007021	SEE NOTE2(a)						
678007015	SEE NOTE2(c)						
678007012	SEE NOTE2(b)	2.85	3.05	2.00+/-0.05	THERMAL	BLACK	
678007011	SEE NOTE2(a)				PLASTIC		
678007005	SEE NOTE2(c)						
678007002	SEE NOTE2(b)	2.45	2.65	1.60+/-0.05			
678007001	SEE NOTE2(a)						
MATERIAL	PLATING	DIM	DIM	P.C.B	PLASTIC	PLASTIC	REMARK
NUMBER	TYPE	A	B	THICKNESS	TYPE	COLOR	

678007125	SEE NOTE2(c)			2.40+/-0.05			
678007122	SEE NOTE2(b)	3.25	3.45	2.40+/-0.05			
678007121	SEE NOTE2(a)						
678007115	SEE NOTE2(c)						
678007112	SEE NOTE2(b)	2.85	3.05	2.00+/-0.05	HIGH		
678007111	SEE NOTE2(a)				TEMPERATURE	BLACK	PURE
678007105	SEE NOTE2(c)				THERMAL		TIN
678007102	SEE NOTE2(b)	2.45	2.65	1.60+/-0.05	PLASTIC		
678007101	SEE NOTE2(a)						
MATERIAL	PLATING	DIM	DIM	P.C.B	PLASTIC	PLASTIC	REMARK
NUMBER	TYPE	A	B	THICKNESS	TYPE	COLOR	

OBSCESCE PART

EC NO: SH2006-0566

DRWN: BCHENZ6 2006/05/29

CHKD: GRATE MA 2006/05/29

APPR: JNCHEN 2006/05/30

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

DIMENSION STYLE MM ONLY

SCALE 5:1

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

4 PLACES ± --- ± ---

3 PLACES ± --- ± ---

2 PLACES ± 0.15 ± ---

1 PLACE ± 0.25 ± ---

ANGULAR ± 1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRAWN BY GRATE MA 2004/02/02

CHECKED BY YAJUN 2004/02/02

APPROVED BY SAM 2004/02/02

MATERIAL NO.

DOCUMENT NO. SD-67800-007

SHEET NO. 2 OF 2

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MOLEX

HIGH SPEED CONNECTOR

1.27MM PITCH VERTICAL

DIP SOLDER TAIL

MOLEX INCORPORATED

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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