

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0679260005

Status:

Active

Description:

3.81mm (.150") Pitch Serial ATA IDT Power Receptacle, 0.38mm (15m") Gold (Au) Plating, 18AWG, with Latch, without Bump, Lead free

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

General

Product Family

IDT and Solder Connectors

Series

67926

Crimp Quality Equipment

Yes

Product Name

Serial ATA

Use With

67926-0040 Feed-to Cover, 67926-0041 Feed-Through Cover

Physical

Circuits (Loaded)

5

Color - Resin

Black

Durability (mating cycles max)

50

Gender

Female

Glow-Wire Compliant

No

Lock to Mating Part

Yes

Material - Metal

Copper Alloy

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Number of Rows

1

Packaging Type

Tray

Panel Mount

No

Pitch - Mating Interface (in)

0.150 In

Pitch - Mating Interface (mm)

3.81 mm

Pitch - Term. Interface (in)

0.150 In

Pitch - Term. Interface (mm)

3.81 mm

Plating min: Mating (µin)

15

Plating min: Mating (µm)

0.38

Plating min: Termination (µin)

75

Plating min: Termination (µm)

1.90

Polarized to Mating Part

Yes

Temperature Range - Operating

-35°C to +85°C

Wire Size AWG

18

Electrical

Current - Maximum per Contact

1.5A

Voltage - Maximum

15V DC

Solder Process Data

Process Temperature max. C

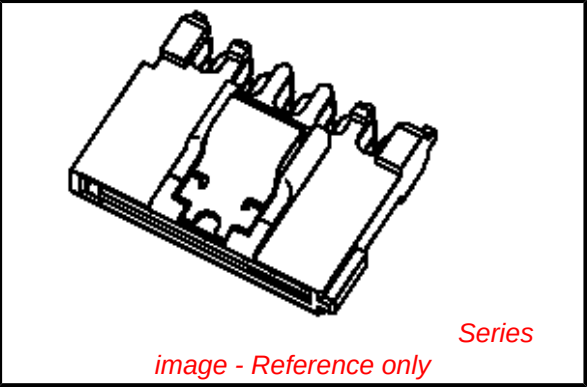
230

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-67926-001



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not 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

67926Series

Mates With

87679

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 #

Insertion Tool for

0638133503

3.96mm (.156") Pitch

KK® IDT Crimp

Terminals

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

10 9 8 7 6 5 4 3 2 1

NOTES:

1. MATERIAL:

HOUSING: THERMAL PLASTIC, G.F., UL94V-0, COLOR: BLACK

COVER: THERMAL PLASTIC, COLOR: BLACK

TERMINAL: COPPER ALLOY

METAL LATCH: STAINLESS STEEL

2. TERMINAL PLATING:

CONTACT AREA: GOLD PLATED

IDT TAIL: PLATE TIN, 1.9 MICRONS MINIMUM

UNDER PLATE: PLATE NICKEL 1.25 MICRONS MINIMUM

3. PACKAGING: TRAY

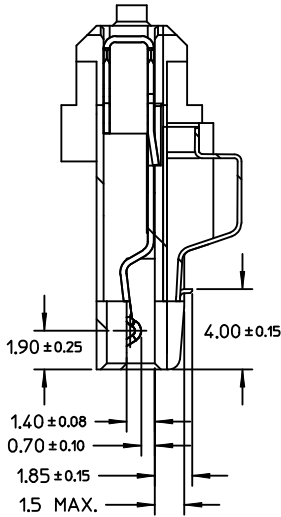
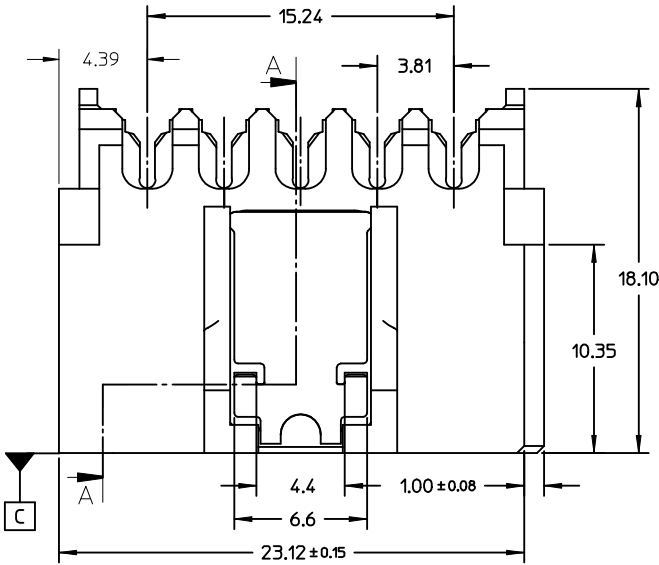
4. PRODUCT SPECIFICATION REFER TO PS-67490-001

5. ASSEMBLE WITH COVER 679260040/0041 AFTER WIRE TERMINATION

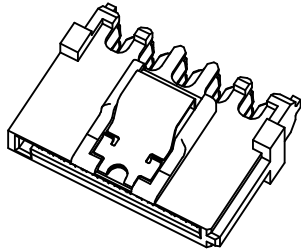
6. MATING PART 87679

7. RECOMMENDED TERMINATING WIRE SIZE: SEE TABLE

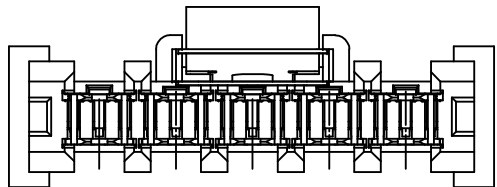
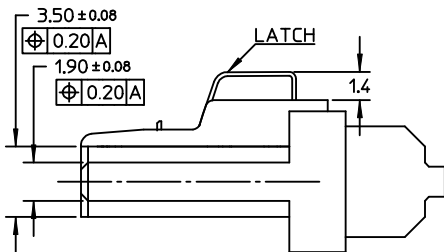
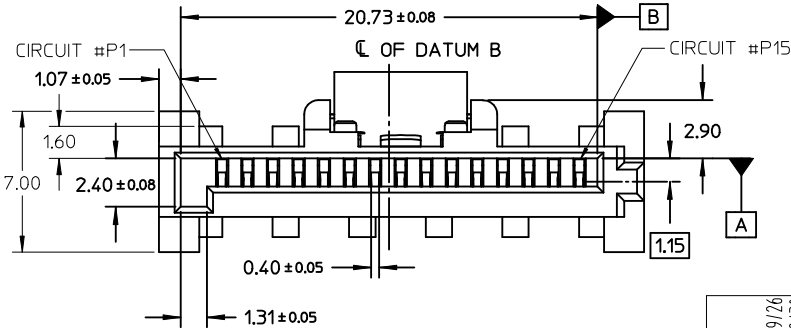
8. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC



SECTION A-A



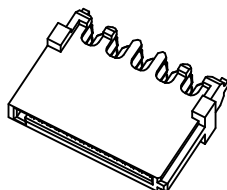
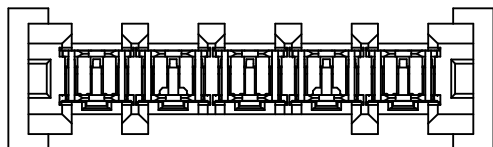
WITH LATCH TYPE



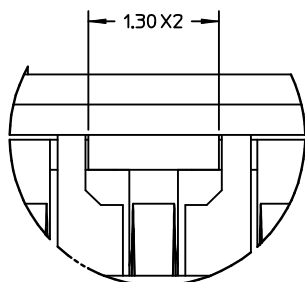
REVISED EC NO: SH2009-0098 DRW: CWTANG CHKD: XJ SONG APPR: HWANG	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY DATE	TITLE SERIAL ATA POWER CONNECTOR IDT TYPE					
			4 PLACES	± ---	± ---	GRATE MA 2004/01/17						
			3 PLACES	± ---	± ---	CHECKED BY DATE	MOLEX MOLEX INCORPORATED					
			2 PLACES	± 0.25	± ---	YA JUN 2004/01/17						
			1 PLACE	± 0.3	± ---	APPROVED BY DATE	DOCUMENT NO. SD-67926-001					
ANGULAR ± 1 °			SAM 2004/01/17	SHEET NO. 1 OF 3								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART									
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

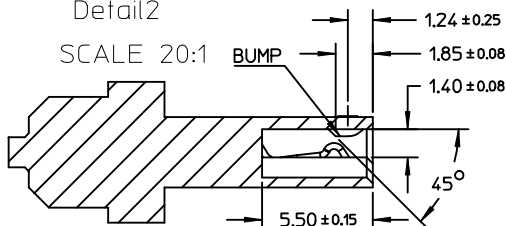


WITHOUT LATCH TYPE

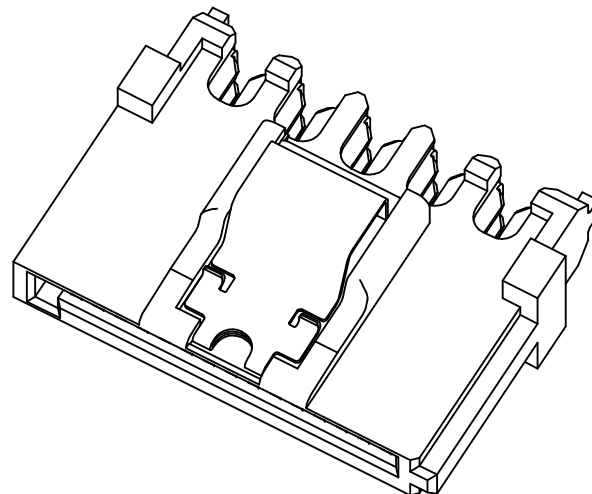


Detail2

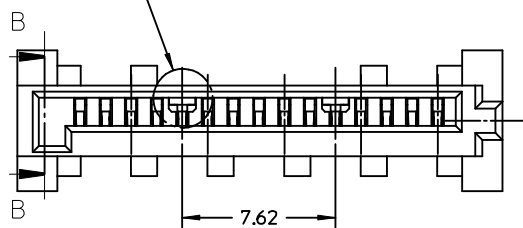
SCALE 20:1



SECTION B-B



See Detail2



NOTES:
OTHER INFORMATION REFER TO SHEET 1

REVISED EC NO: SH2009-0098 DRWN: CWTANG CHKD: X. SONG APPR: HWANG	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY GRATE MA	DATE 2004/01/17	TITLE SERIAL ATA POWER CONNECTOR IDT TYPE					
			4 PLACES	± ---	± ---	CHECKED BY YAJUN	DATE 2004/01/17						
			3 PLACES	± ---	± ---	APPROVED BY SAM		DATE 2004/01/17	MOLEX INCORPORATED				
			2 PLACES	± 0.25	± ---								
			1 PLACE	± 0.3	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-67926-001		SHEET NO. 2 OF 3			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± 1 °		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

F

E

D

C

B

A

F

E

D

C

B

A

P/N	RECOMMENDED WIRE SIZE	PLATE TYPE	REMARK
67926-0001	18AWG	GOLD FLASH	WITH LATCH,WITHOUT BUMP
67926-0301	20AWG		
67926-0401	22AWG		
67926-0002	18AWG	0.76 MICRON GOLD PLATED	
67926-0302	20AWG		
67926-0402	22AWG		
67926-0005	18AWG	0.38 MICRON GOLD PLATED	
67926-0305	20AWG		
67926-0405	22AWG		
67926-0021	18AWG	GOLD FLASH	WITH LATCH,WITH BUMP
67926-0321	20AWG		
67926-0421	22AWG		
67926-0022	18AWG	0.76 MICRON GOLD PLATED	
67926-0322	20AWG		
67926-0422	22AWG		
67926-0025	18AWG	0.38 MICRON GOLD PLATED	
67926-0325	20AWG		
67926-0425	22AWG		
67926-0011	18AWG	GOLD FLASH	WITHOUT LATCH,WITH BUMP
67926-0311	20AWG		
67926-0411	22AWG		
67926-0012	18AWG	0.76 MICRON GOLD PLATED	
67926-0312	20AWG		
67926-0412	22AWG		
67926-0015	18AWG	0.38 MICRON GOLD PLATED	
67926-0315	20AWG		
67926-0415	22AWG		

REVISED EC NO: SH2009-0098 DRWN: CWTANG 2008/09/26 CHKD: XJSONG 2008/09/30 APPR: HWANG 2008/11/01 G	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY GRATE MA	DATE 2004/01/17	TITLE SERIAL ATA POWER CONNECTOR IDT TYPE				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	YAJUN	2004/01/17	MOLEX INCORPORATED				
			2 PLACES	± 0.25	± ---	APPROVED BY	DATE					
			1 PLACE	± 0.3	± ---	SAM	2004/01/17	DOCUMENT NO. SD-67926-001				
			ANGULAR ± 1 °			MATERIAL NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART						
						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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.