This document was generated on 04/07/2010

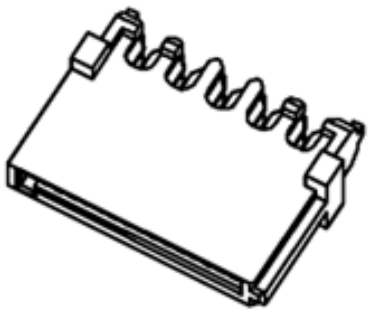
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0679260011

Status: Active

Description: 3.81mm (.150") Pitch Serial ATA IDT Power Receptacle, Gold (Au) Flash, 18AWG, without Latch, with Bump, Lead free

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)



Series image - Reference only

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)	2
Plating min: Mating (µm)	0.05
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

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	255

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**

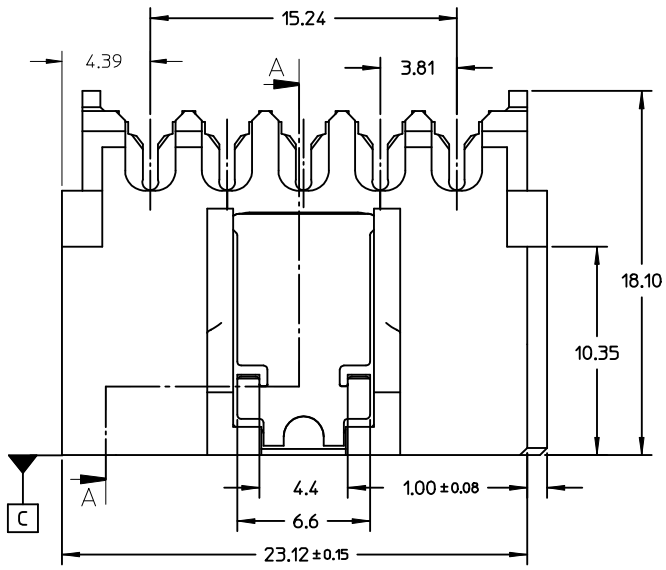
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

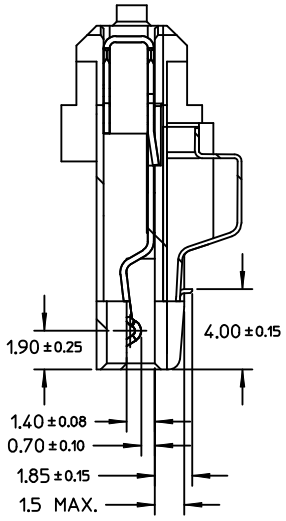
Global

Description	Product #
Insertion Tool for 3.96mm (.156") Pitch KK® IDT Crimp Terminals	0638133503

This document was generated on 04/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

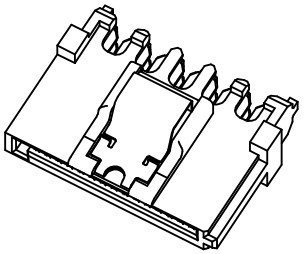




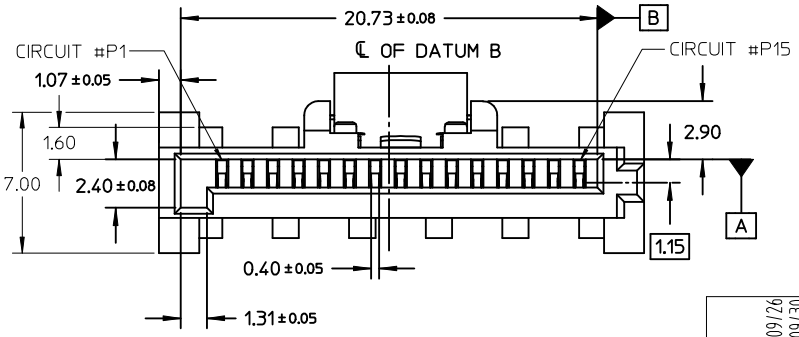
SECTION A-A

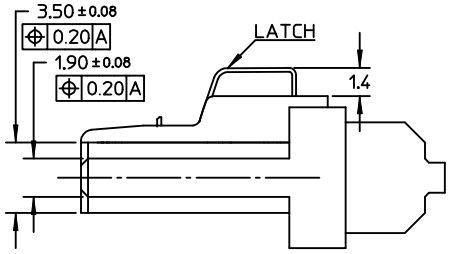
NOTES:

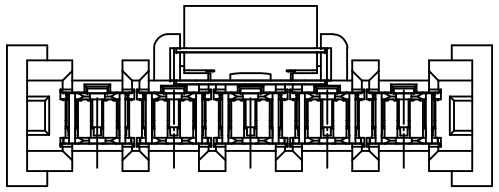
1. MATERIAL:
   HOUSING: THERMAL PLASTIC, G.F., UL94V-0, COLOR: BLACK
   COVER: THERMAL PLASTIC, COLOR: BLACK
   TERMINAL: COPPER ALLOY
   METAL LATCH: STAINLESS STEEL
2. TERMINAL PLATING:
   CONTACT AREA: GOLD PLATED
   IDT TAIL: PLATE TIN, 1.9 MICRONS MINIMUM
   UNDER PLATE: PLATE NICKEL 1.25 MICRONS 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 DIRCTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC



WITH LATCH TYPE







REVISED				REV
EC NO: SH2009-0098	2008/09/26			G
DRWN: CWTANG	2008/09/30			
CHKD: XJSONG	2008/11/01			
APPR: HWWANG			DESCRIPTION	

QUALITY SYMBOLS
▼=0
Ⓒ=0

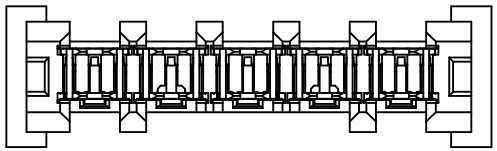
GENERAL TOLERANCES (UNLESS SPECIFIED)

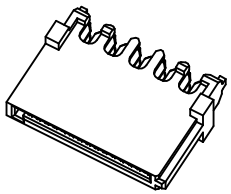
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.3	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

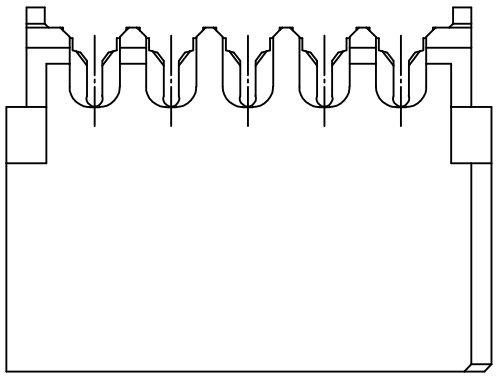
DIMENSION STYLE	MM ONLY
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	GRATE MA
DATE	2004/01/17
CHECKED BY	YAJUN
DATE	2004/01/17
APPROVED BY	SAM
DATE	2004/01/17
MATERIAL NO.	SEE CHART
TITLE	SERIAL ATA POWER CONNECTOR IDT TYPE
	MOLEX INCORPORATED
DOCUMENT NO.	SD-67926-001
SHEET NO.	1 OF 3
SIZE	A3

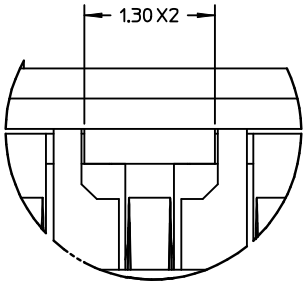
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION





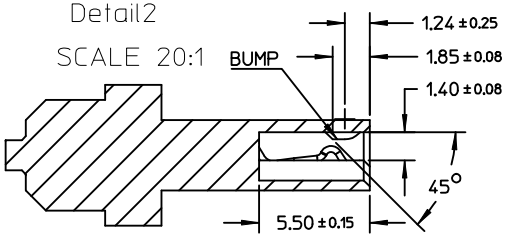
WITHOUT LATCH TYPE



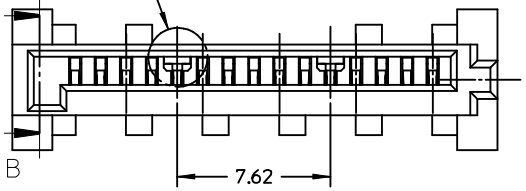


Detail2

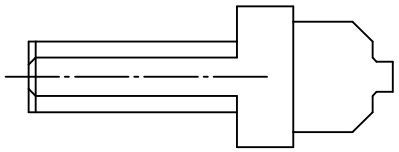
SCALE 20:1

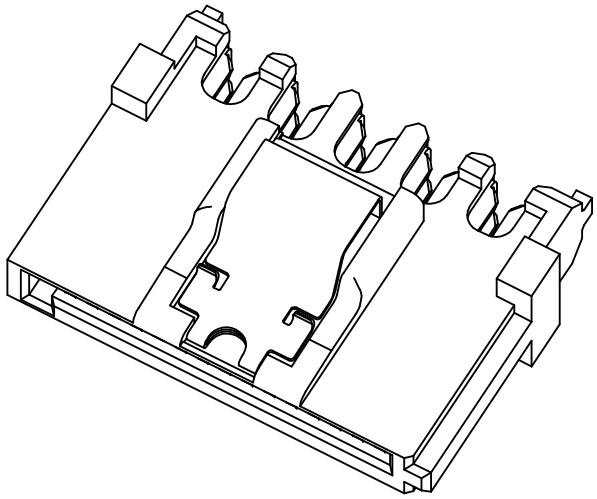


See Detail2



SECTION B-B





NOTES:

OTHER INFORMATION REFER TO SHEET 1

REVISED				REV.
EC NO: SH2009-0098	2008/09/26			G
DRWN: CWTANG	2008/09/30			
CH'KD: XJSONG	2008/11/01			
APPR: HWWANG				
DESCRIPTION				

QUALITY SYMBOLS

▼=0

Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.3	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	GRATE MA
DATE	2004/01/17
CHECKED BY	YAJUN
DATE	2004/01/17
APPROVED BY	SAM
DATE	2004/01/17
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SD-67926-001
SHEET NO.	2 OF 3
SIZE	A3

TITLE: SERIAL ATA POWER CONNECTOR IDT TYPE

MOLEX INCORPORATED

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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 2008/09/26
DRWN:CWTANG 2008/09/30
CH'KD:XJSONG 2008/11/01
APPR:HWWANG
DESCRIPTION
G
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.3	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: GRATE MA DATE: 2004/01/17
CHECKED BY: YAJUN DATE: 2004/01/17
APPROVED BY: SAM DATE: 2004/01/17

TITLE: SERIAL ATA POWER CONNECTOR IDT TYPE

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-67926-001
SHEET NO.: 3 OF 3
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

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

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

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.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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
moschip.ru_6
moschip.ru_9