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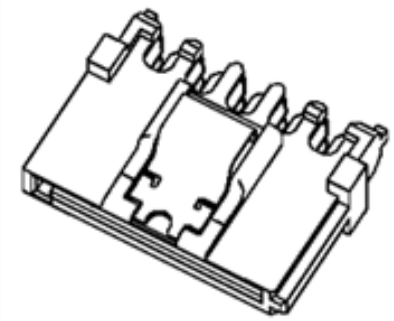
# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0679260025

**Status:** Active

**Description:** 3.81mm (.150") Pitch Serial ATA IDT Power Receptacle, 0.38mm (15m") Gold (Au) Plating, 18AWG, with Latch, with Bump, Lead free



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
RoHS Certificate of Compliance (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 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**
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 |

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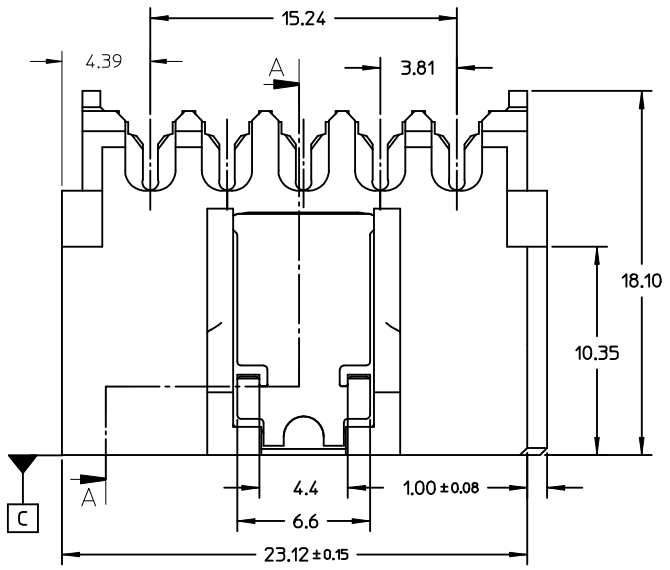
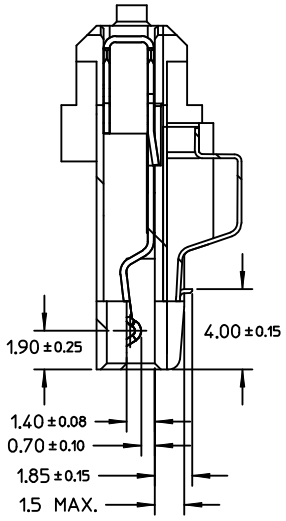
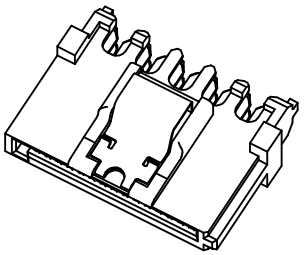


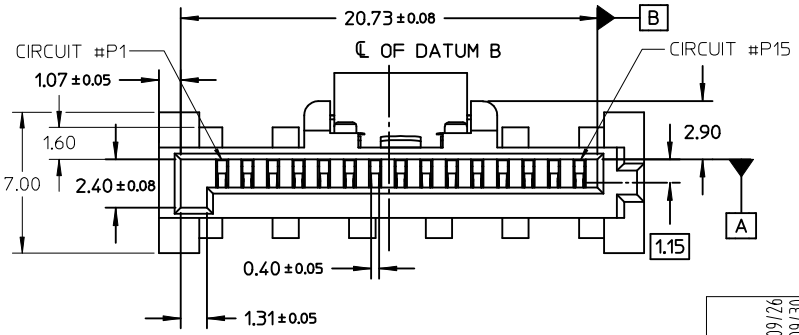

SECTION A-A

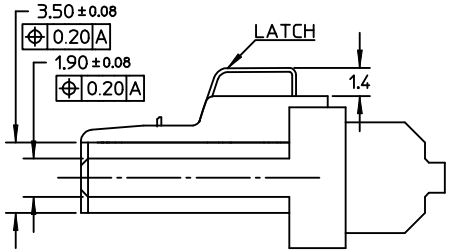
NOTES:

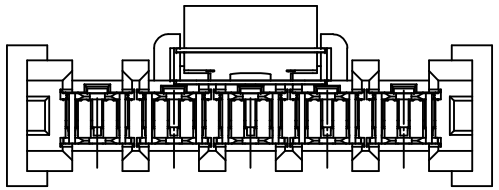
1. MATERIAL:
   HOUSING: THERMAL PLASTIC, G.F., UL94V-0, COLOR: BLACK
   COVER: THERMAL PLASTIC, COLOR: BLACK
   TERMINAL: COPPER ALLOY
   METAL LATCH: STAINLESS STEEL
2. TERMINAL PLATING:
   CONTACT AREA: GOLD PLATED
   IDT TAIL: PLATE TIN, 1.9 MICRONS MINIMUM
   UNDER PLATE: PLATE NICKEL 1.25 MICRONS 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 | | | | |

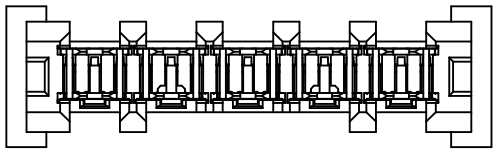
QUALITY SYMBOLS
▼=0
Ⓒ=0

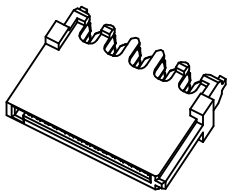
GENERAL TOLERANCES (UNLESS SPECIFIED)

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

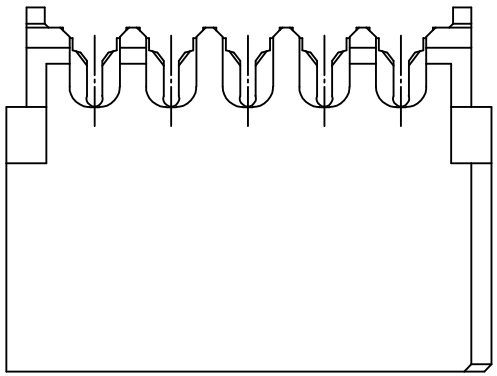
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

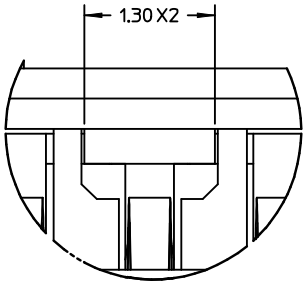
| | |
|---|---|
| DIMENSION STYLE | MM ONLY |
| SCALE | 4:1 |
| DESIGN UNITS | METRIC |
| | THIRD ANGLE PROJECTION |
| DRAWN BY | GRATE MA |
| DATE | 2004/01/17 |
| CHECKED BY | YAJUN |
| DATE | 2004/01/17 |
| APPROVED BY | SAM |
| DATE | 2004/01/17 |
| MATERIAL NO. | SEE CHART |
| TITLE | SERIAL ATA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





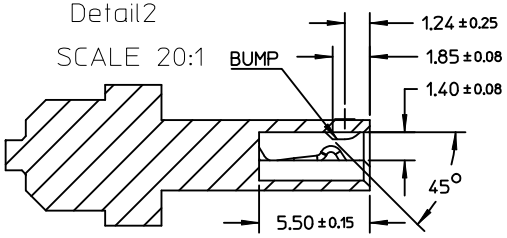
WITHOUT LATCH TYPE

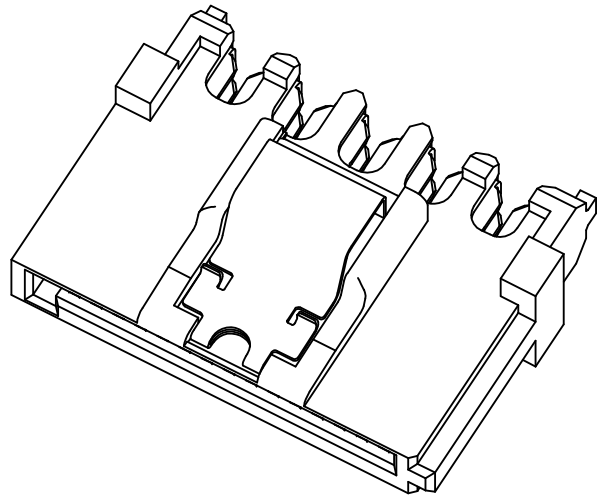




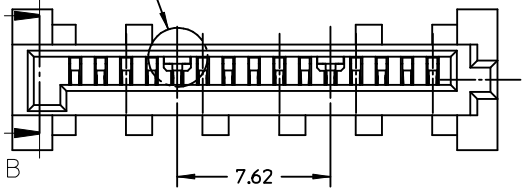

Detail2

SCALE 20:1

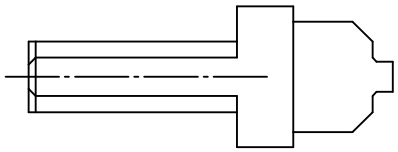


See Detail2




SECTION B-B



NOTES:

OTHER INFORMATION REFER TO SHEET 1

| 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

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Ⓒ▽=0

| GENERAL TOLERANCES (UNLESS SPECIFIED) | mm | INCH |
|---|---|---|
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| | |
|---|---|
| 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

| 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
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DESCRIPTION
G
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| 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

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MOLEX INCORPORATED

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