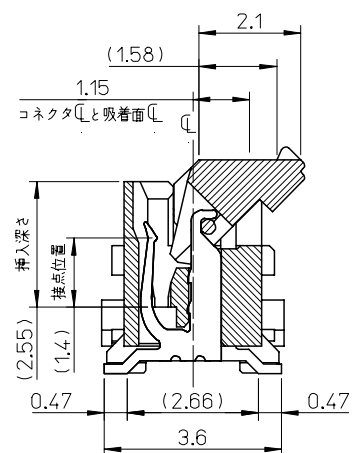
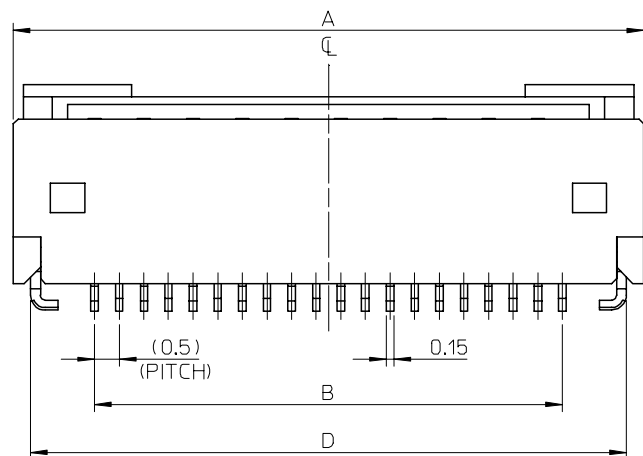
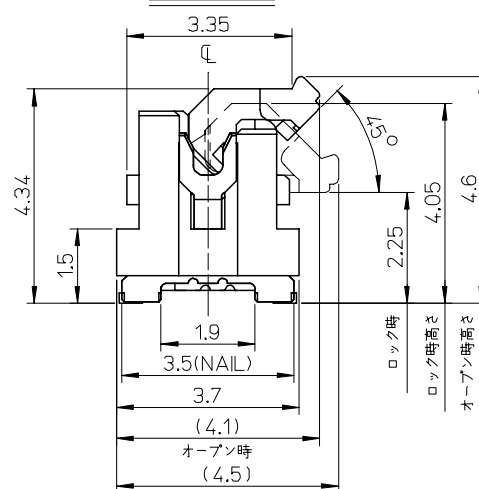




断面図(参考)



注記
 NOTES
 ~~~~~

### 1. 材質

## MATERIAL

ハウジング:LCP(液晶ポリマー)、ガラス充臍、白色、UL94V-0  
HOUSING:LCPI(LIQUID CRYSTAL POLYMER),  
GLASS FILLED,WHITE,UL94V-0  
アクチュエータ:ポリアミド 9T、ガラス充臍、茶色、UL94V-0  
ACTUATOR:POLYAMIDE 9T,  
GLASS FILLED,BROWN,UL94V-0  
ターミナル:銅合金(t=0.15)  
TERMINAL:COPPER ALLOY (t=0.15)  
金具:銅合金(t=0.2)  
NAIL:COPPER ALLOY(t=0.2)

## 2. メツキ仕様

## PLATING

## ターミナル

TERMINAL

錫ビスマスメッキ

## TIN BISMUTH PLATING

下地メッキ：ニッケルメッキ

UNDER PLATING:NICKEL PLATING

## 金具

NAIL

錫メツキ

## TIN PLATING

下地メッキ：ニッケルメッキ

UNDER PLATING:NICKEL PLATING

3. テールと金具を併せた平坦度は、0.1ミリメートル以下。

TAILS AND NAILS COPLANARITY TO BE 0.1 MAXIMUM.

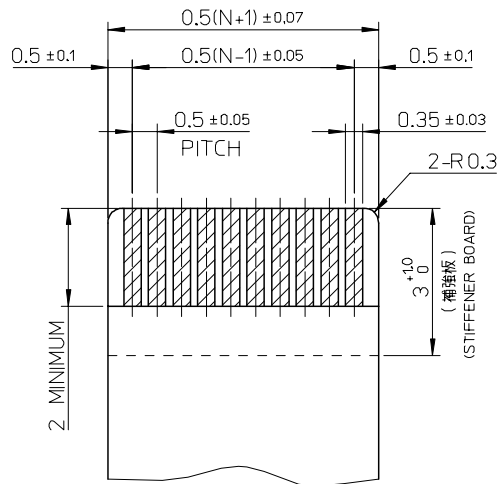
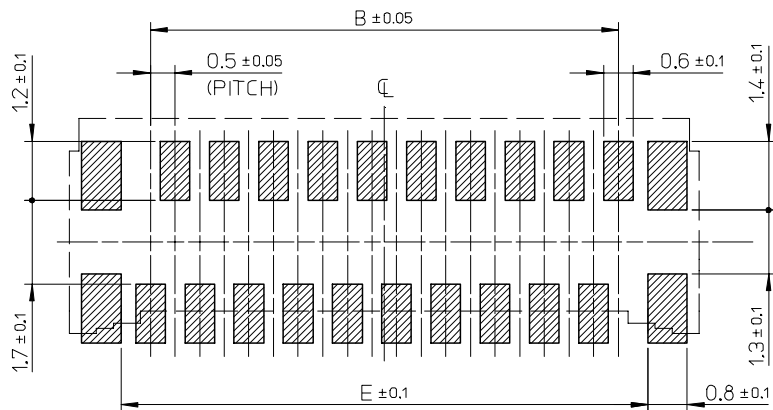
#### 4. ELV及びRoHS適合品

ELV AND RoHS COMPLIANT.

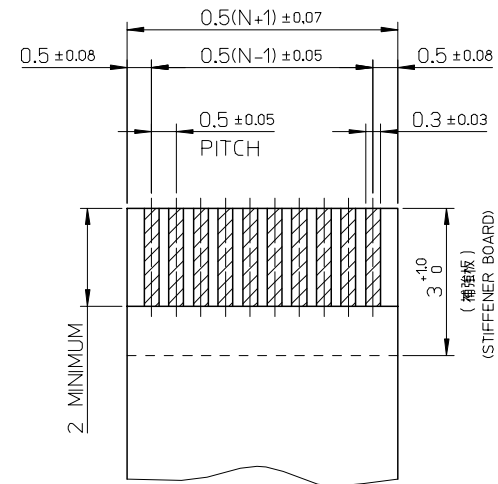
|   |      |      |      |      |      |             |              |
|---|------|------|------|------|------|-------------|--------------|
| 8 | 30.7 | 32.1 | 32.4 | 29.5 | 32.8 | 501951-6009 | 60           |
|   | 25.7 | 27.1 | 27.4 | 24.5 | 27.8 | 501951-5009 | 50           |
|   | 23.2 | 24.6 | 24.9 | 22   | 25.3 | 501951-4509 | 45           |
|   | 20.7 | 22.1 | 22.4 | 19.5 | 22.8 | 501951-4009 | 40           |
|   | 16.7 | 18.1 | 18.4 | 15.5 | 18.8 | 501951-3209 | 32           |
|   | 15.7 | 17.1 | 17.4 | 14.5 | 17.8 | 501951-3009 | 30           |
|   | 12.7 | 14.1 | 14.4 | 11.5 | 14.8 | 501951-2409 | 24           |
|   | F    | E    | D    | C    | B    | A           | MATERIAL NO. |

|                                                                                                                               |                   |            |             |                                          |              |                            |                    |                                                                        |                        |                           |  |           |                          |  |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|-------------|------------------------------------------|--------------|----------------------------|--------------------|------------------------------------------------------------------------|------------------------|---------------------------|--|-----------|--------------------------|--|
| REVISED                                                                                                                       | EC NO: J2007-2987 | 2007/04/26 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |              | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>10:1                                                          | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |           |                          |  |
|                                                                                                                               | DRWNG: TRSUZUKI   | 2007/04/26 |             | 10 UNDER                                 | ±0.2         | DRAWN BY<br>TRSUZUKI       | DATE<br>2005/12/05 | TITLE<br>0.5 FPC CONN. HSG ASSY<br>EASY ON / STRAIGHT<br>(TIN-BISMUTH) |                        |                           |  |           |                          |  |
|                                                                                                                               | CHKD: HHIRATA     | 2007/04/26 |             | 10 OVER 30 UNDER                         | ±0.25        | CHECKED BY<br>HHIRATA      | DATE<br>2005/12/05 |                                                                        |                        |                           |  |           |                          |  |
|                                                                                                                               | APPR: HHIRATA     | 2007/04/26 |             | 30 OVER                                  | ±0.3         | APPROVED BY<br>MSASAO      | DATE<br>2005/12/05 |                                                                        |                        |                           |  |           | MOLEX MOLEX INCORPORATED |  |
|                                                                                                                               | B                 | REV        |             | ANGULAR ±1 °                             | MATERIAL NO. |                            | DOCUMENT NO.       |                                                                        |                        |                           |  | SHEET NO. |                          |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                    |                   |            |             | SIZE<br>A3                               |              | SEE CHART                  |                    | SD-501951-001                                                          |                        |                           |  |           | 1 OF 2                   |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                   |            |             |                                          |              |                            |                    |                                                                        |                        |                           |  |           |                          |  |

参考基板レイアウト (マウント面)  
P.C.BOARD PATTERN DIMENSION(REF.)  
(MOUNT AREA)



適合FPC推奨寸法  
APPLICABLE FPC  
RECOMMENDED DIMENSION  
(仕上がり厚さ: 0.3 ± 0.03)  
(THICKNESS: 0.3 ± 0.03)  
N: 極数  
N: CIRCUITS



適合FFC推奨寸法  
APPLICABLE FFC  
RECOMMENDED DIMENSION  
(仕上がり厚さ: 0.3 ± 0.03)  
(THICKNESS: 0.3 ± 0.03)  
N: 極数  
N: CIRCUITS

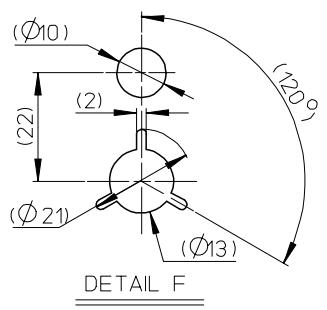
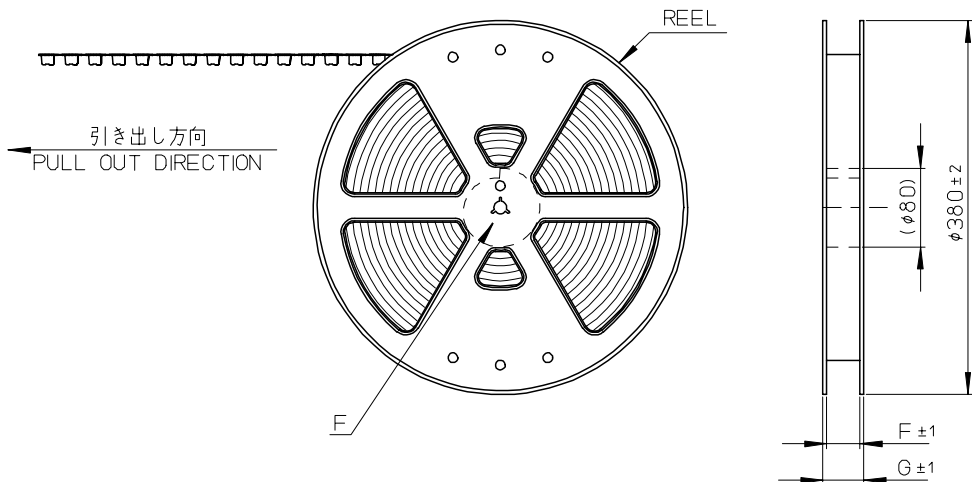
FPCについて:

打抜き方向は導体側から補強板側を推奨致します。  
補強フィルム材質はポリイミドを推奨致します。  
接着剤は熱硬化接着剤を推奨致します。

ABOUT FPC:

RECOMMENDED PUNCHER DIRECTION:  
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.  
RECOMMENDED MATERIAL:  
STIFFENER FILM: POLYIMIDE  
BONDING AGENT: THERMOSETTING BONDING AGENT

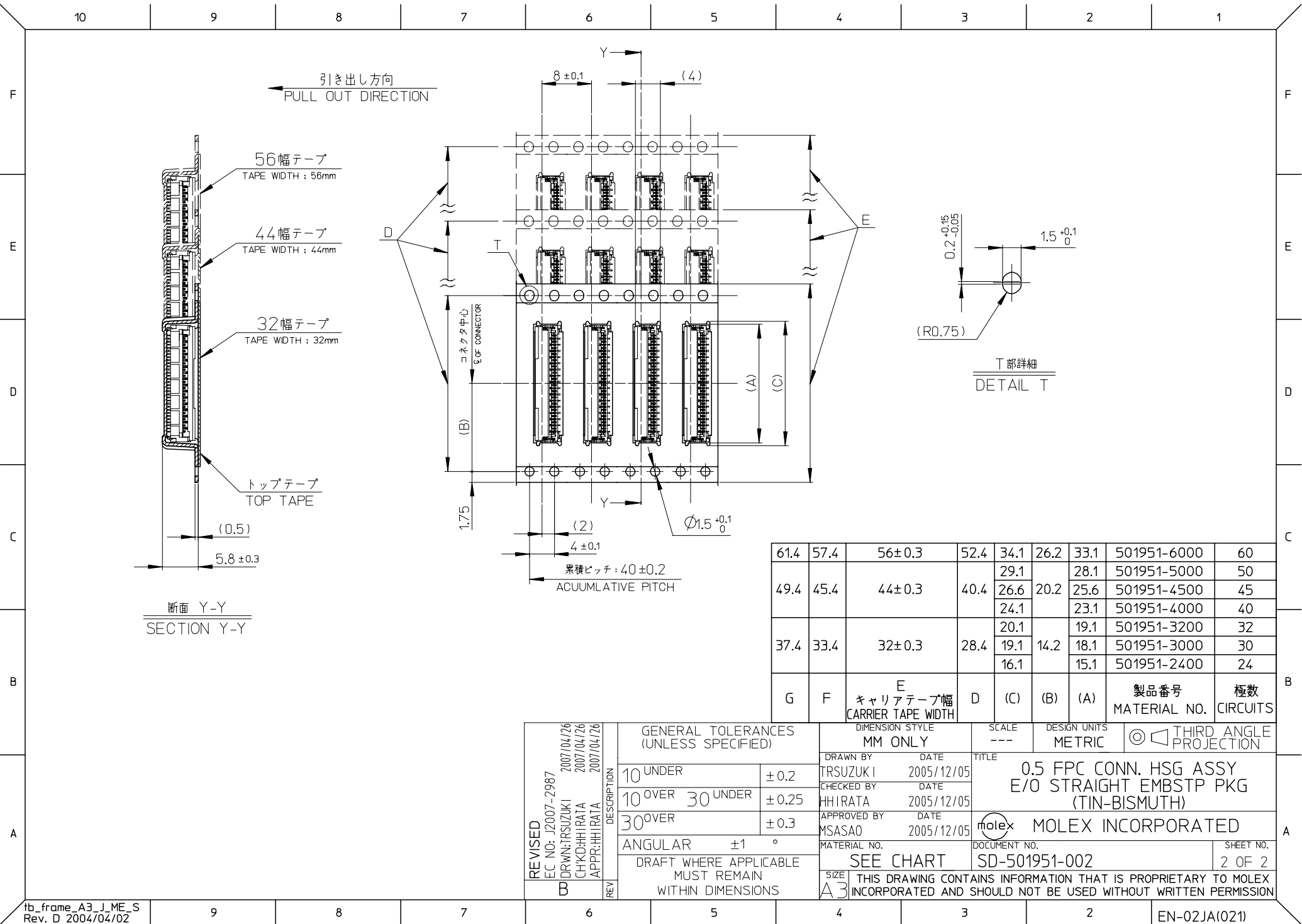
|                                                                                                                  |             |                                                            |                                                                                                                                  |                            |                    |                                                                                                          |                        |                                                                                                                 |  |
|------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|----------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--|
| SEE SHEET 1<br>EC NO: J2007-2987<br>DRWN:TRSUZUKI 2007/04/26<br>CHKD:HIRATA 2007/04/26<br>APPR:HIRATA 2007/04/26 | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |                                                                                                                                  | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>10:1                                                                                            | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |  |
|                                                                                                                  |             | 10 UNDER                                                   | ± 0.2                                                                                                                            | DRAWN BY<br>TRSUZUKI       | DATE<br>2005/12/05 | TITLE<br>0.5 FPC CONN. HSG ASSY<br>EASY ON / STRAIGHT<br>(TIN-BISMUTH)                                   |                        |                                                                                                                 |  |
|                                                                                                                  |             | 10 OVER 30 UNDER                                           | ± 0.25                                                                                                                           | CHECKED BY<br>HIRATA       | DATE<br>2005/12/05 |                                                                                                          |                        |                                                                                                                 |  |
|                                                                                                                  |             | 30 OVER                                                    | ± 0.3                                                                                                                            | APPROVED BY<br>MSASAO      | DATE<br>2005/12/05 |  MOLEX INCORPORATED |                        |                                                                                                                 |  |
|                                                                                                                  |             | ANGULAR ±1 °                                               |                                                                                                                                  | MATERIAL NO.               |                    |                                                                                                          |                        |                                                                                                                 |  |
|                                                                                                                  | REV         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                  | SEE SHEET 1                |                    | SD-501951-001                                                                                            |                        | 2 OF 2                                                                                                          |  |
|                                                                                                                  |             | SIZE<br>A3                                                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                    |                                                                                                          |                        |                                                                                                                 |  |



NOTES

- 1. 製品詳細寸法については SD-501951-001 を参照ください。  
RE DETAILED DIMENSION, SEE SD-501951-001
- 2. 梱包数量 : 2000 個/リール  
NUMBER OF CONNECTORS : 2000 PIECES/REEL
- 3. リードテープ長さ  
LEAD TAPE LENGTH  
トップテープ接着部(空エンボス)  
20 PIECES. MIN.  
TOP TAPE BONDED PART (EMPTY)  
部品挿入部  
COMPONENT SUPPLIER  
560MIN.  
末端部 (空部)  
TAIL PART (EMPTY)  
300MIN.
- 4. 材料  
MATERIAL  
キャリアテープ: ポリプロピレン (PP)  
CARRIER TAPE: POLYPROPYLENE (PP)  
トップテープ: PET, PE, REF  
TOP TAPE  
リール: ポリスチレン (リサイクル材を含む)  
REEL: POLYSTYRENE (RECYCLE MATERIAL CONTAINED)
- 5. ELV及びRoHS適合品  
ELV AND RoHS COMPLIANT.

|                                                                                |                                        |                    |                                                            |       |                 |                                                                                                                                  |                                                                             |              |                           |  |
|--------------------------------------------------------------------------------|----------------------------------------|--------------------|------------------------------------------------------------|-------|-----------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------|---------------------------|--|
| REVISED<br>EC NO: J2007-2987<br>DRWN: TRSUZUKI<br>CHKD: HIRATA<br>APPR: HIRATA | 2007/04/26<br>2007/04/26<br>2007/04/26 | DESCRIPTION<br>REV | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       | DIMENSION STYLE |                                                                                                                                  | SCALE                                                                       | DESIGN UNITS | THIRD ANGLE<br>PROJECTION |  |
|                                                                                |                                        |                    |                                                            |       | MM ONLY         |                                                                                                                                  | ---                                                                         | METRIC       |                           |  |
|                                                                                |                                        |                    | 10 UNDER                                                   | ±0.2  | DRAWN BY        | DATE                                                                                                                             | TITLE<br>0.5 FPC CONN. HSG ASSY<br>E/O STRAIGHT EMBSTP PKG<br>(TIN-BISMUTH) |              |                           |  |
|                                                                                |                                        |                    | 10 OVER 30 UNDER                                           | ±0.25 | CHECKED BY      | DATE                                                                                                                             |                                                                             |              |                           |  |
|                                                                                |                                        |                    | 30 OVER                                                    | ±0.3  | APPROVED BY     | DATE                                                                                                                             | MOLEX INCORPORATED                                                          |              |                           |  |
|                                                                                |                                        |                    | ANGULAR                                                    | ±1 °  | MATERIAL NO.    | DOCUMENT NO.                                                                                                                     |                                                                             |              | SHEET NO.                 |  |
|                                                                                |                                        |                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | SIZE<br>A3      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                             |              |                           |  |



## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

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<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](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

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