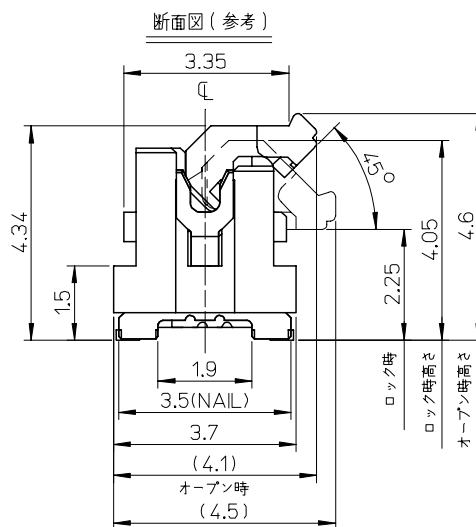
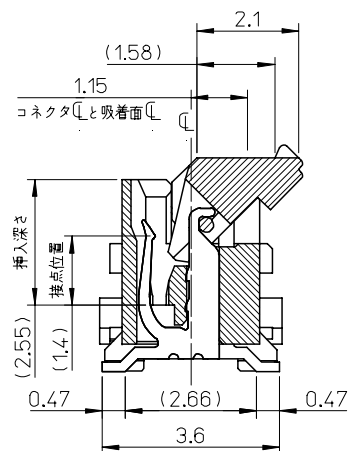
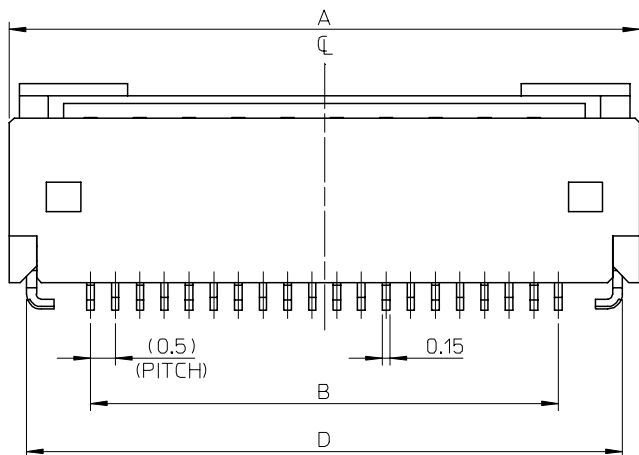
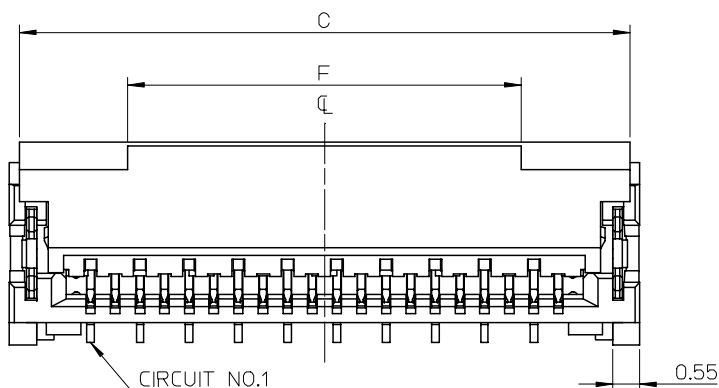


10 9 8 7 6 5 4 3 2 1



注記
NOTES
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1. 材質

MATERIAL

ハウジング: LCP (液晶ポリマー), ガラス充填, 白色, UL94V-0  
HOUSING: LCP (LIQUID CRYSTAL POLYMER),  
GLASS FILLED, WHITE, UL94V-0  
アクチュエータ: ポリアミド 9T, ガラス充填, 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. メッキ仕様

PLATING

ターミナル

TERMINAL

銅ビスマスメッキ

TIN BISMUTH PLATING

下地メッキ: ニッケルメッキ

UNDER PLATING: NICKEL PLATING

金具

NAIL

銅メッキ

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.

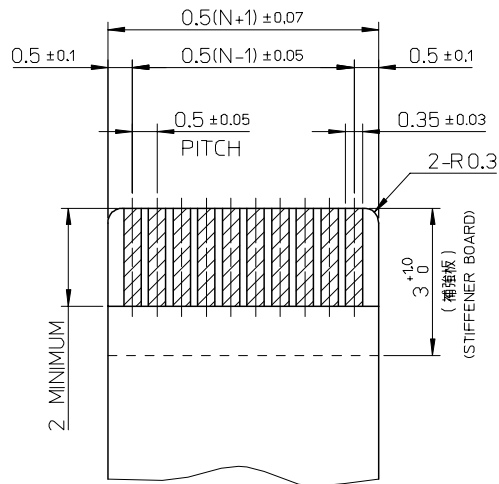
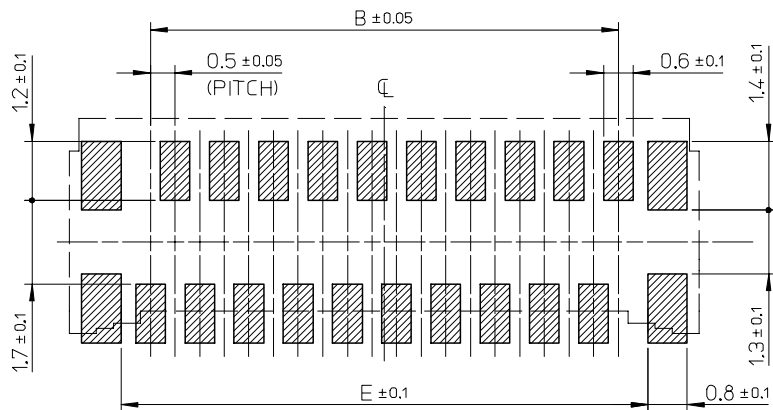
4. ELV及びRoHS適合品

ELV AND ROHS COMPLIANT.

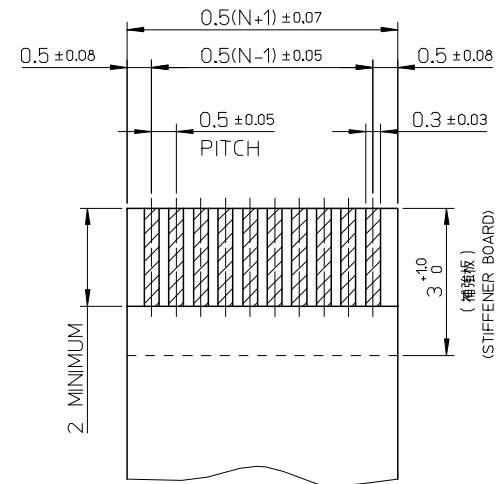
|   |      |      |      |      |      |             |                       |
|---|------|------|------|------|------|-------------|-----------------------|
| 8 | 30.7 | 32.1 | 32.4 | 29.5 | 32.8 | 501951-6009 | 60                    |
|   | 25.7 | 27.1 | 27.4 | 24.5 | 27.8 | 501951-5009 | 50                    |
|   | 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. CIRCUITS |

|                                                                                                             |                                                            |                                          |           |                            |                                                                                                                                  |                                                                        |                        |                           |  |  |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|-----------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2007-2987<br>DRWN:TSUZUKI 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.               |                                                                                                                                  | DOCUMENT NO.                                                           |                        | SHEET NO.                 |  |  |
|                                                                                                             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE CHART |                            | SD-501951-001                                                                                                                    |                                                                        | 1 OF 2                 |                           |  |  |
|                                                                                                             | REV                                                        |                                          |           | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>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

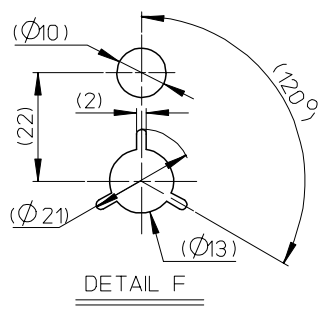
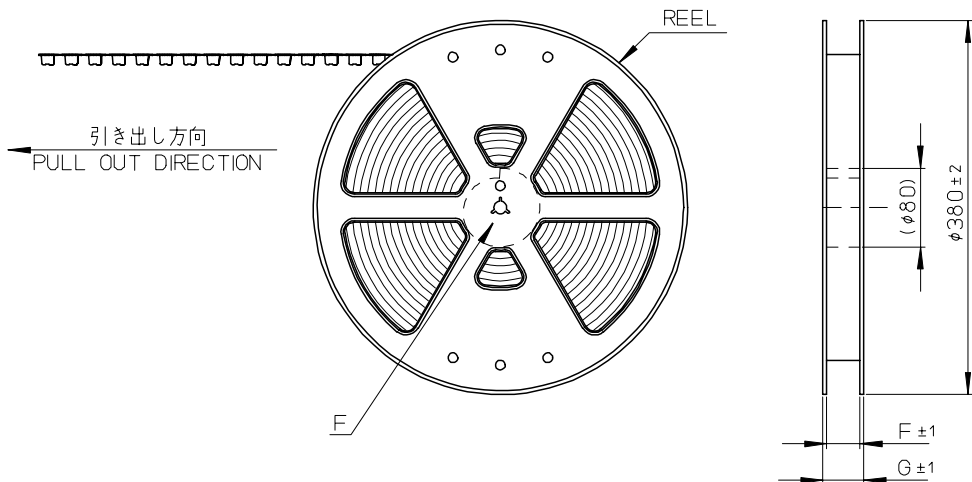
FPCについて:

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 | EC NO.: J2007-2987<br>DRAWN: TRSUZUKI<br>CHKD: HHIRATA<br>APPR: HHIRATA | 2007/04/26<br>2007/04/26<br>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>HHIRATA      | DATE<br>2005/12/05 |                                                                        |                        |                                                                                                                 |  |
|             |                                                                         |                                        |             | 30 OVER                                                                                                                          | ± 0.3  | APPROVED BY<br>MSASAO      | DATE<br>2005/12/05 | MOLEX INCORPORATED                                                     |                        |                                                                                                                 |  |
|             |                                                                         |                                        |             | ANGULAR ±1 °                                                                                                                     |        | MATERIAL NO.               |                    | DOCUMENT NO.                                                           |                        | SHEET NO.                                                                                                       |  |
|             |                                                                         |                                        |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |        | SEE SHEET 1                |                    | SD-501951-001                                                          |                        | 2 OF 2                                                                                                          |  |
|             |                                                                         |                                        | REV         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |                            |                    |                                                                        |                        |                                                                                                                 |  |



NOTES

- 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
- 梱包数量 : 2000 個/リール  
NUMBER OF CONNECTORS : 2000 PIECES/REEL
- リードテープ長さ  
LEAD TAPE LENGTH  

560MIN. 300MIN. 860MIN.
- 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)
- 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 |                                                                             |              |                           | 1 OF 2 |

