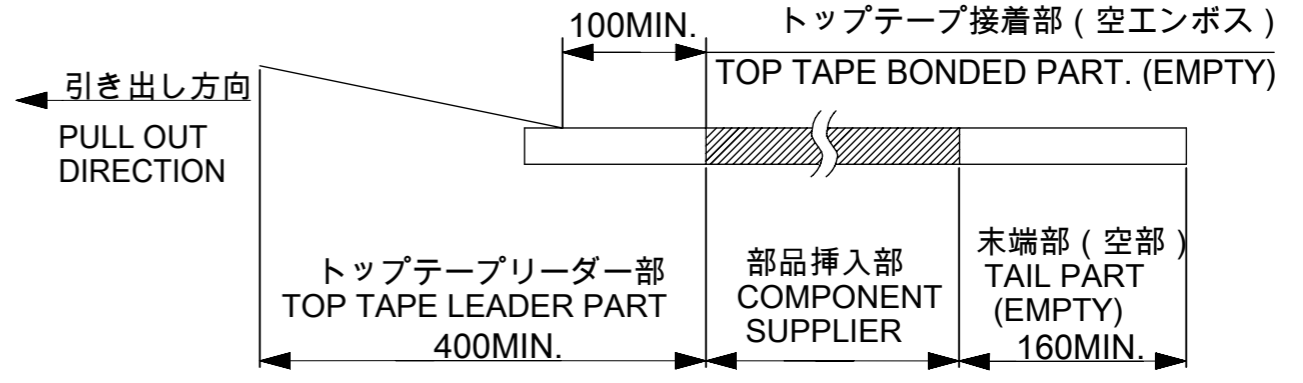
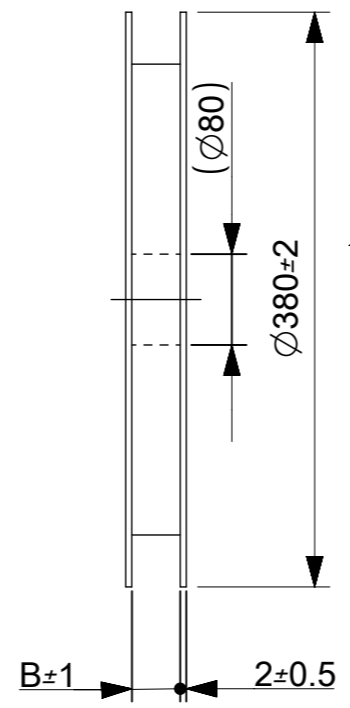
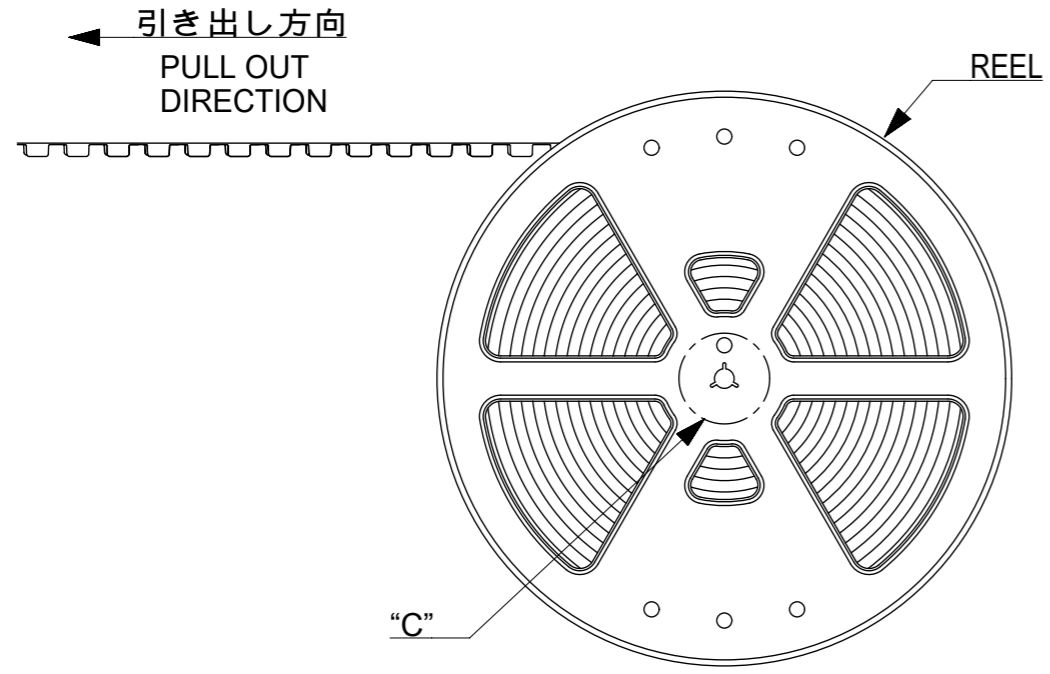
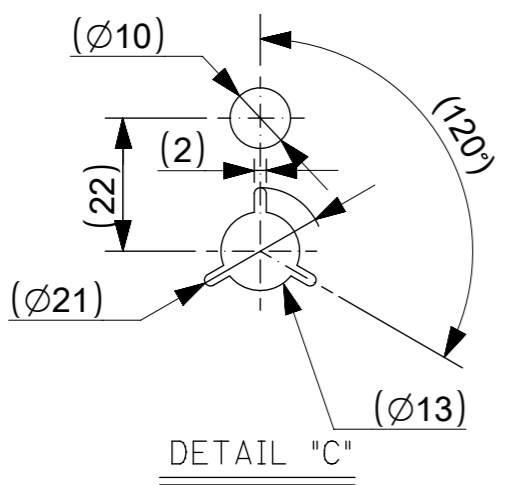


注記 NOTES

1. 製品詳細寸法については図面5047541004を参照下さい。  
REFER TO THE 5047541004 ABOUT DIMENSIONS IN DETAIL.
2. 梱包数量 : 5000個 / リール  
NUMBER OF CONNECTORS : 5000 PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH

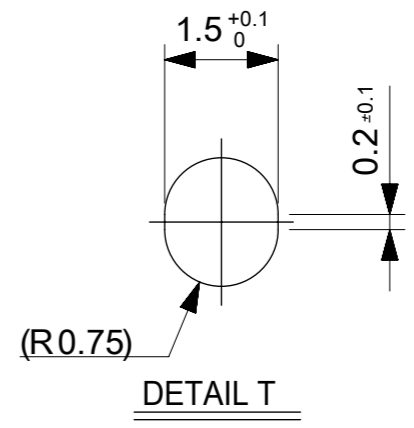
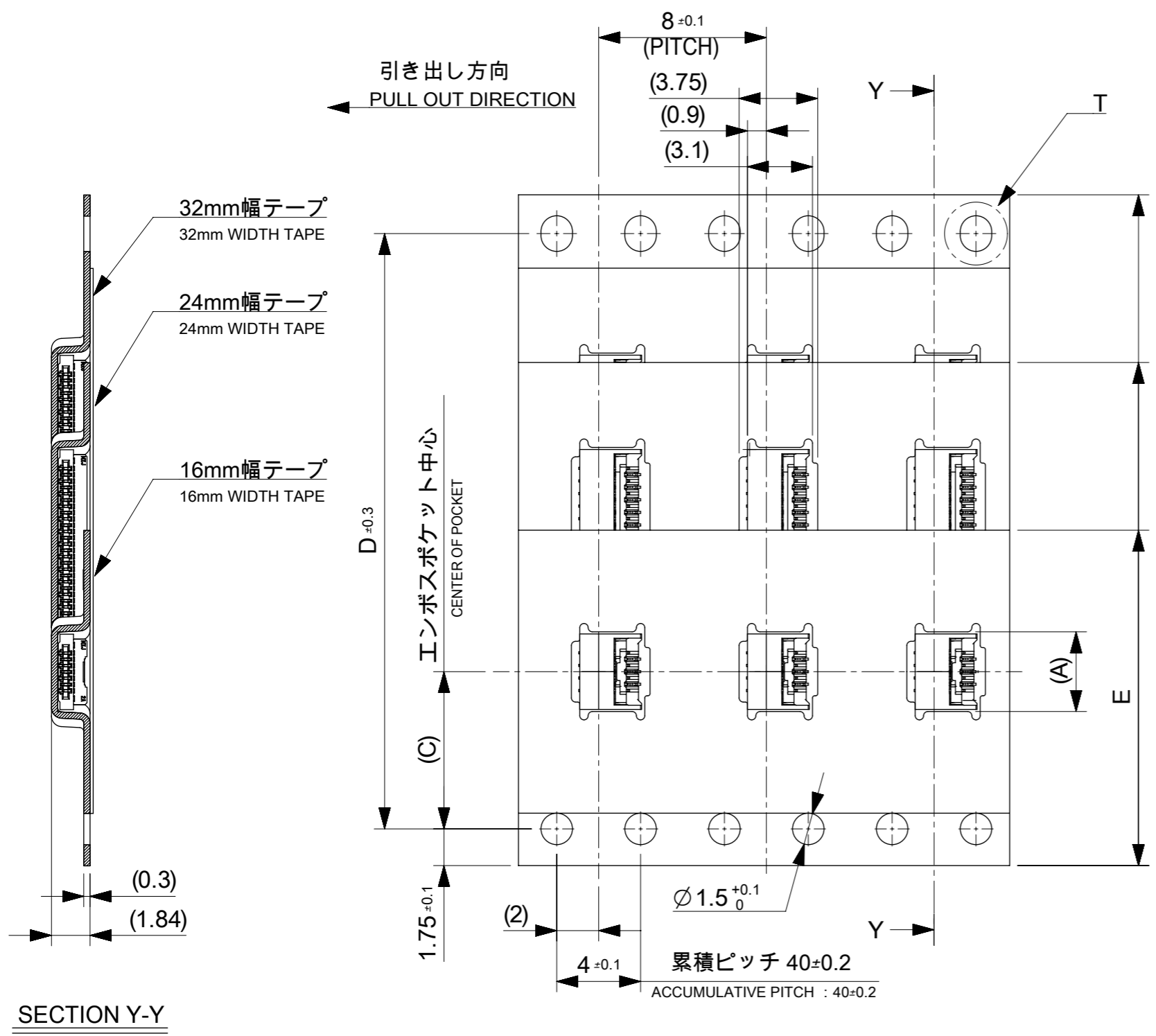


4. 材料 MATERIAL  
キャリアテープ(CARRIER TAPE) : ポリスチレン(POLYSTYRENE)  
トップテープ(TOP TAPE) : PET, PE, PEF  
リール(REEL) : ポリスチレン(PS)<リサイクル材を含む>  
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
5. ELV及びRoHS適合品  
ELV AND RoHS COMPLIANT



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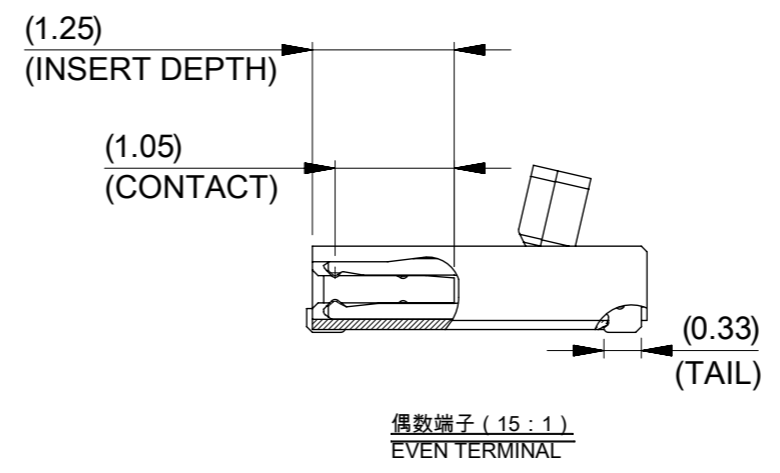
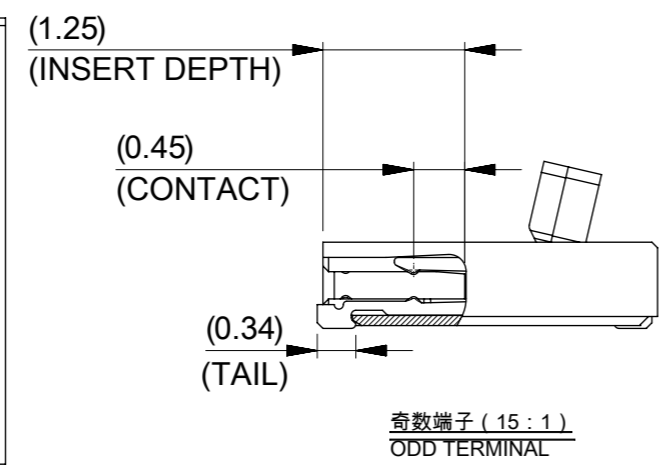
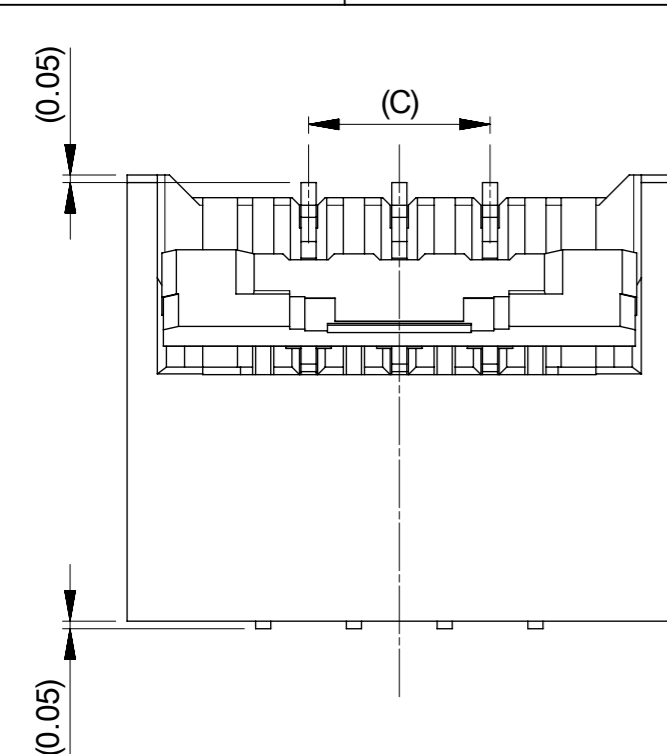
|   |  |  |   |  |
|---|--|--|---|--|
| EC NO: 104191<br>DRWN: AYOSHII01<br>CHK'D: TKUSUHARA01<br>APPR: TKUSUHARA01 | 2016/04/06<br>2016/04/18<br>2016/04/18   | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>ANGULAR TOL ± 1.0 ° | DIMENSION UNITS: mm<br>SCALE: ±0.1  |  |
|   | 4 PLACES ± 0.03<br>3 PLACES ± 0.03<br>2 PLACES ± 0.05<br>1 PLACE ± 0.1<br>0 PLACES ± 0.2 | DRWN BY: AYOSHII01<br>DATE: 2016/04/06                       | PRODUCT CUSTOMER DRAWING  |  |
|   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                     | CHK'D BY: YKOBAYASHI02<br>DATE: 2016/04/18                   | SERIES: 504754<br>MATERIAL NUMBER: SEE SHEET 1<br>CUSTOMER:                           |  |
|   | A3<br>THIRD ANGLE PROJECTION   | APPR BY: TKUSUHARA01<br>DATE: 2016/04/18                     | DOCUMENT NUMBER: 5047540004<br>DOC TYPE: PSD<br>DOC PART: 000<br>SHEET NUMBER: 1 OF 2 |  |



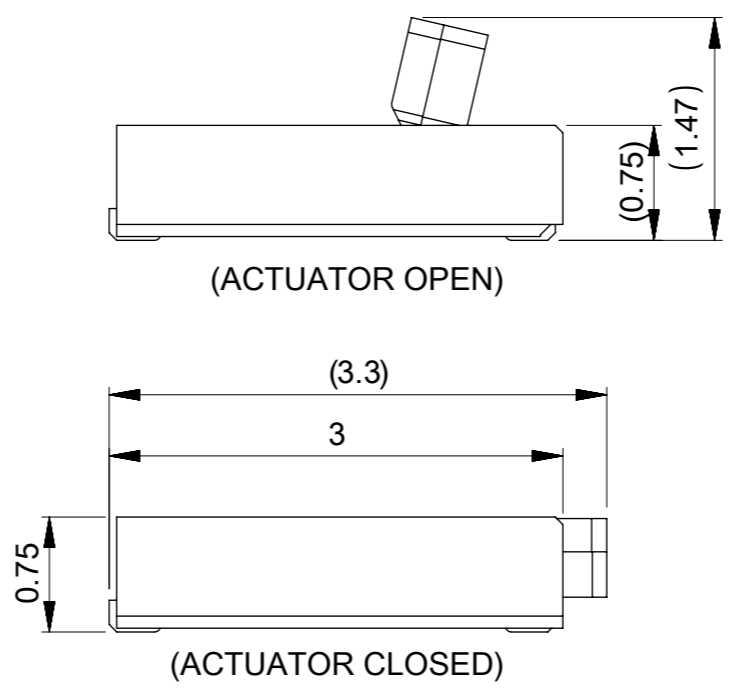
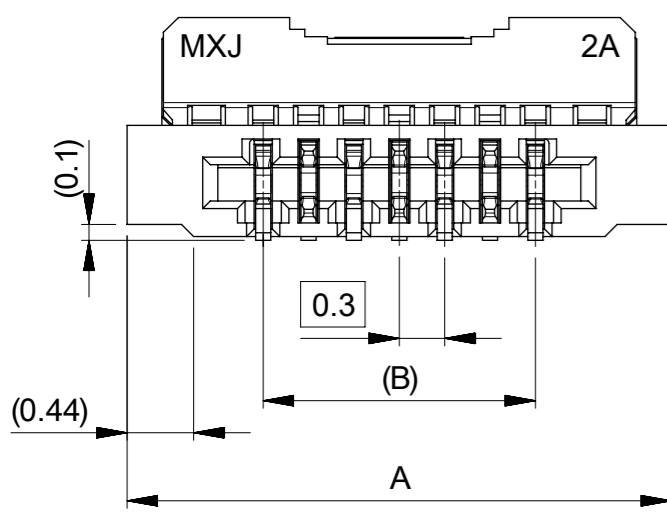
|                                  |      |      |      |      |                     |                |
|----------------------------------|------|------|------|------|---------------------|----------------|
| 32±0.3                           | 28.4 | 14.2 | 33.4 | 20.0 | 504754-6160         | 61             |
|                                  |      |      |      | 17.0 | 504754-5160         | 51             |
| 24±0.3                           | --   | 11.5 | 25.4 | 14.0 | 504754-4160         | 41             |
|                                  |      |      |      | 13.4 | 504754-3960         | 39             |
|                                  |      |      |      | 12.8 | 504754-3760         | 37             |
|                                  |      |      |      | 12.2 | 504754-3560         | 35             |
|                                  |      |      |      | 11.6 | 504754-3360         | 33             |
|                                  |      |      |      | 11.0 | 504754-3160         | 31             |
|                                  |      |      |      | 9.2  | 504754-2560         | 25             |
| 16±0.3                           | --   | 7.5  | 17.4 | 8.0  | 504754-2160         | 21             |
|                                  |      |      |      | 6.2  | 504754-1560         | 15             |
|                                  |      |      |      | 4.9  | 504754-1160         | 11             |
|                                  |      |      |      | 4.3  | 504754-0960         | 9              |
|                                  |      |      |      | 3.7  | 504754-0760         | 7              |
| Eキャリアテープ幅<br>EMBOSSED TAPE WIDTH |      |      |      | D    | C                   | B              |
|                                  |      |      |      | A    | オーダー番号<br>ORDER NO. | 極数<br>CIRCUITS |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

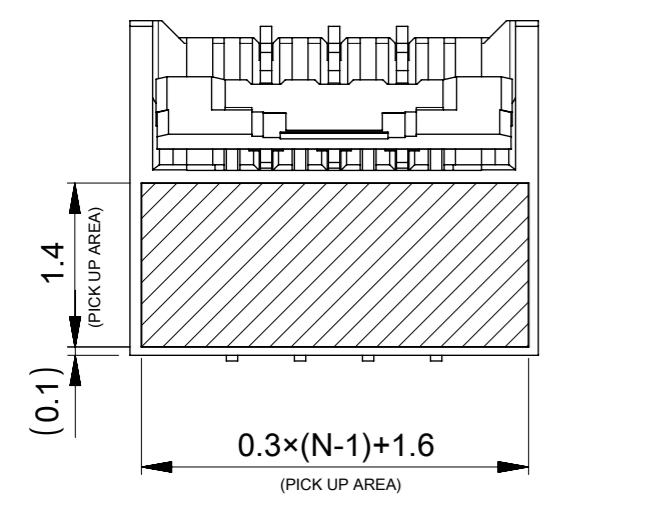
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|---|----------------|--|------------|---|------------------------|---|------------|
| EC NO: 104191<br>DRWN: AYOSHII01<br>CHK'D: TKUSUHARA01<br>APPR: TKUSUHARA01 | 2016/04/06     | GENERAL TOLERANCES (UNLESS SPECIFIED)                |            | DIMENSION UNITS   | SCALE                  |   |            |
|   | 2016/04/18     | ANGULAR TOL ± 1.0 °                                  |            | mm  | ±0.1                   |   |            |
|   | 2016/04/18     | 4 PLACES ± 0.03                                      | DRWN BY    | AYOSHII01   | DATE                   |   | 2016/04/06 |
|   |                | 3 PLACES ± 0.03                                      | CHK'D BY   | YKOBAYASHI02  | DATE                   |   |            |
|   |                | 2 PLACES ± 0.05                                      | APPR BY    | TKUSUHARA01   | DATE                   |   | 2016/04/18 |
|   | 1 PLACE ± 0.1  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |            | DRAWING SIZE  | THIRD ANGLE PROJECTION | PRODUCT CUSTOMER DRAWING<br>SERIES: 504754<br>MATERIAL NUMBER: SEE SHEET 1<br>CUSTOMER: |            |
|   | 0 PLACES ± 0.2 | A3   |            |   |                        |   |            |
|   |                |  |            |   |                        |   |            |
| RELEASE STATUS  | P1             | RELEASE DATE   | 2016/04/18 | DOCUMENT NUMBER: 5047540004<br>DOC TYPE: PSD<br>DOC PART: 000<br>SHEET NUMBER: 2 OF 2 |                        |   |            |



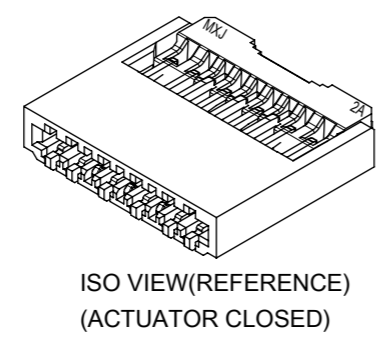
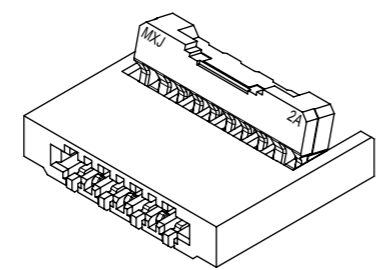
注記 NOTES:  
 1.材質 MATERIAL  
 ハウジング: 液晶ポリマー(LCP)、黒色、ガラス充填、UL94\_V-0  
 HOUSING: LIQUID CRYSTAL POLYMER, BLACK, GLASS FILLED, UL94\_V-0  
 アクチュエータ: 液晶ポリマー(LCP)、ナチュラル色、ガラス充填、UL94\_V-0  
 ACTUATOR: LIQUID CRYSTAL POLYMER, NATURAL, GLASS FILLED, UL94\_V-0  
 奇数ターミナル: 銅合金 (t=0.10)  
 ODD TERMINAL: COPPER ALLOY(t=0.10)  
 偶数ターミナル: 銅合金 (t=0.10)  
 EVEN TERMINAL: COPPER ALLOY(t=0.10)  
 2.めっき仕様 PLATING  
 奇数 / 偶数ターミナル ODD/EVEN TERMINAL  
 接点部: 部分金めっき(0.1μm以上)  
 CONTACT AREA: SEPARATED GOLD PLATING (0.1 MICROMETER MINIMUM)  
 半田付け部: 部分金めっき  
 SOLDER TAIL AREA: SEPARATED GOLD PLATING  
 下地: ニッケルめっき(1.0μm以上)  
 UNDERPLATE: NICKEL PLATING(1.0 MICROMETER MINIMUM)  
 3.平坦度は、0.1ミリ以下とする。  
 TAILS' COPLANARITY TO BE 0.1 MAXIMUM.  
 4.ELV及びRoHS適合品  
 ELV AND RoHS COMPLIANT



|                              |      |      |      |                    |          |
|------------------------------|------|------|------|--------------------|----------|
| 18.6                         | 17.4 | 18.0 | 19.8 | 504754-6160        | 61       |
| 15.6                         | 14.4 | 15.0 | 16.8 | 504754-5160        | 51       |
| 12.6                         | 11.4 | 12.0 | 13.8 | 504754-4160        | 41       |
| 12.0                         | 10.8 | 11.4 | 13.2 | 504754-3960        | 39       |
| 11.4                         | 10.2 | 10.8 | 12.6 | 504754-3760        | 37       |
| 10.8                         | 9.6  | 10.2 | 12.0 | 504754-3560        | 35       |
| 10.2                         | 9.0  | 9.6  | 11.4 | 504754-3360        | 33       |
| 9.6                          | 8.4  | 9.0  | 10.8 | 504754-3160        | 31       |
| 7.8                          | 6.6  | 7.2  | 9.0  | 504754-2560        | 25       |
| 6.6                          | 5.4  | 6.0  | 7.8  | 504754-2160        | 21       |
| 4.8                          | 3.6  | 4.2  | 6.0  | 504754-1560        | 15       |
| 3.6                          | 2.4  | 3.0  | 4.8  | 504754-1160        | 11       |
| 3.0                          | 1.8  | 2.4  | 4.2  | 504754-0960        | 9        |
| 2.4                          | 1.2  | 1.8  | 3.6  | 504754-0760        | 7        |
| D                            | C    | B    | A    | EMBOSSED PACKAGE   | CIRCUITS |
|                              |      |      |      | オーダー番号 : ORDER NO. |          |
| CONNECTOR SERIES 504754-**69 |      |      |      |                    |          |

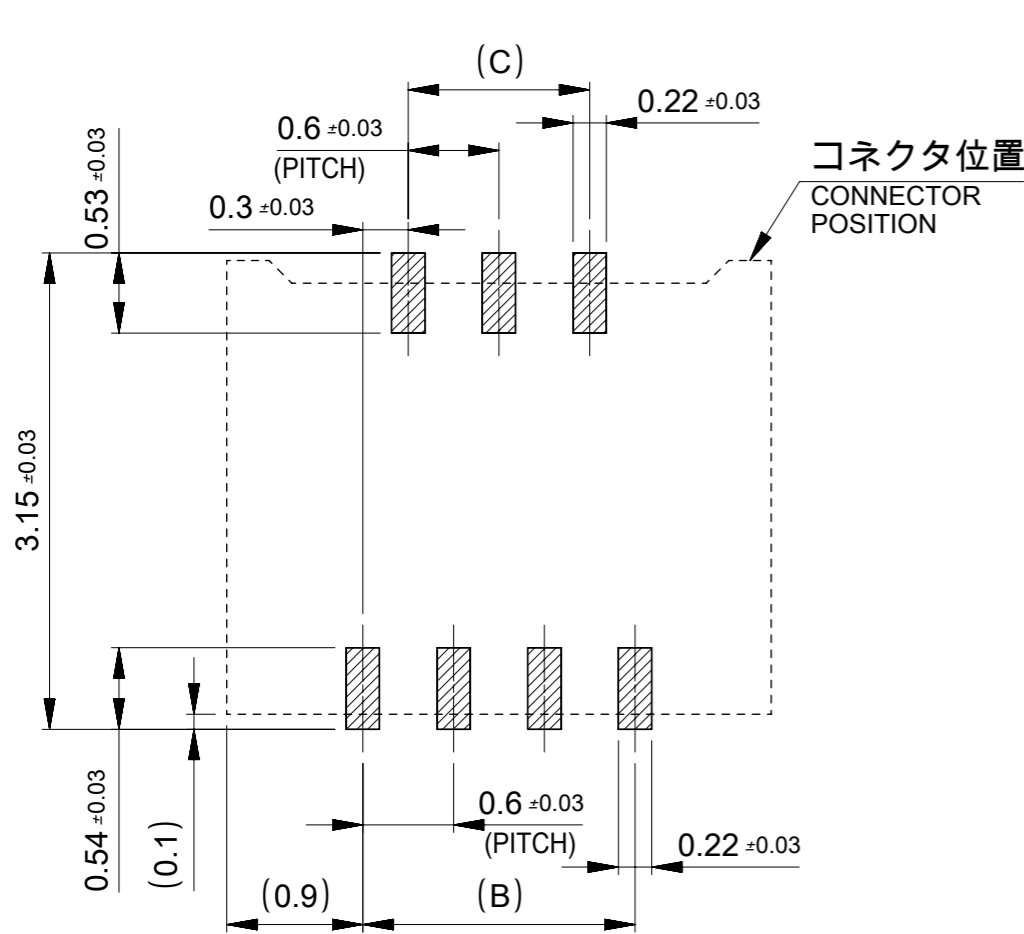


推奨ピックアップエリア(15 : 1)  
RECOMMENDED PICK UP AREA



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

|         |               |                   |                        |                                       |  |            |                           |                          |                          |   |
|---------|---------------|-------------------|------------------------|---------------------------------------|--|------------|---------------------------|--------------------------|--------------------------|---|
| REVISED | 2016/06/08    | 2016/06/08        | 2016/06/08             | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION UNITS                            | SCALE      | <b>molex</b> <sup>®</sup> |                          |                          |   |
|         | EC NO: 105622 | DRWN: YCHEN128    | CHK'D: TKUSUHARA01     |                                       | mm   | 20:1       |                           | 0.3 FPC LA75 SERIES ASSY |                          |   |
|         | REV           | APPR: TKUSUHARA01 | APPR: TKUSUHARA01      |                                       | DRWN BY                                    | DATE       |                           |                          | PRODUCT CUSTOMER DRAWING |   |
|         |               |                   |                        |                                       | AYOSHII01                                  | 2016/04/05 |                           |                          |                          | SERIES: 504754<br>MATERIAL NUMBER: SEE SHEET 1<br>CUSTOMER: SEE SHEET 1 |
|         |               |                   |                        |                                       | CHK'D BY                                   | DATE       |                           |                          |                          |   |
|         |               |                   | YKOBAYASHI02           | 2016/04/15                            |  |            |                           |                          |                          |   |
|         |               |                   | APPR BY                | DATE                                  | DRAWING SIZE: A3<br>THIRD ANGLE PROJECTION |            |                           |                          |                          |   |
|         |               |                   | TKUSUHARA01            | 2016/04/18                            |  |            |                           |                          |                          |   |
|         |               |                   | DRAFT WHERE APPLICABLE |                                       |  |            |                           |                          |                          |   |
|         |               |                   | MUST REMAIN            |                                       |  |            |                           |                          |                          |   |
|         |               |                   | WITHIN DIMENSIONS      |                                       |  |            |                           |                          |                          |   |



推奨基板レイアウト

RECOMMENDED P.C. BOARD  
PATTERN LAYOUT

推奨メタルマスク厚さ : 0.1mm

RECOMMENDED METAL MASK THICKNESS : 0.1mm

推奨開口率 : 70%

APERTURE RATE : 70%

注記

NOTE

1. 必ず基板に実装してからアクチュエータを操作して下さい。  
PLEASE OPERATE THE ACTUATOR AFTER MOUNTING ON THE SUBSTRATE.

2. FPCについて  
ABOUT FPC

補強フィルム材質はポリイミドを推奨します。ベースフィルムは25μmを推奨します。

接着剤は熱硬化接着剤を推奨します。

尚、接着剤の接点部への付着は導通不良の原因になりますので、染み出しが無い様、お願い致します。

RECOMMENDED STIFFENER MATERIAL: POLYIMIDE

RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER

RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE

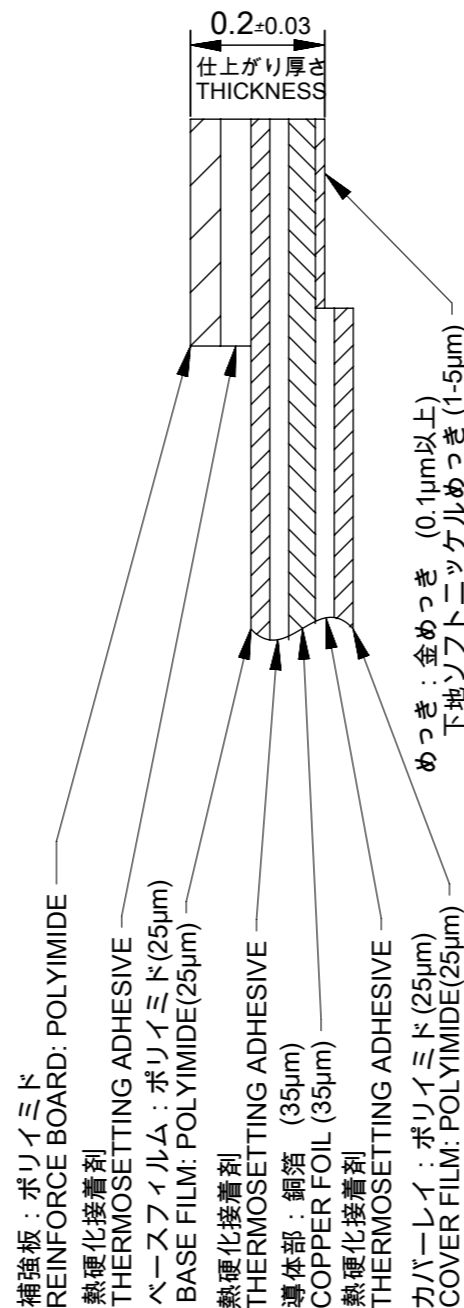
NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE

ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

打抜き方向は導体側から補強板側を推奨致します。

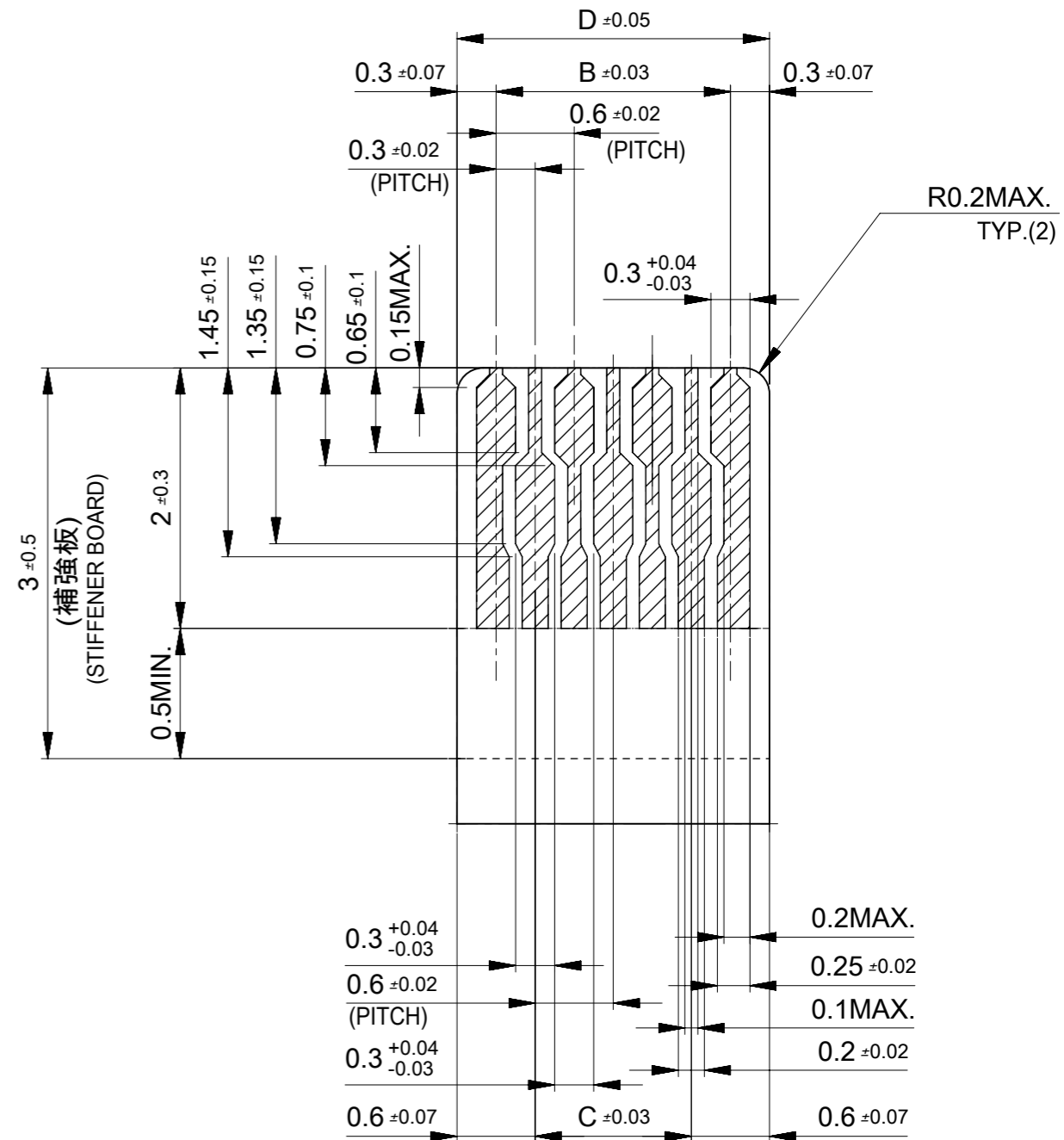
RECOMMENDED PUNCHER DIRECTION:

FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.



FPC構成推奨仕様  
STRUCTURE OF FPC

PLATING: GOLD PLATING(0.1μmMIN.)  
SOFT NICKEL UNDERPLATE (1-5μm)



適合金メッキFPC推奨寸法  
仕上がり厚さ : 0.2 ± 0.03

APPLICABLE FPC WITH GOLD PLATING  
RECOMMENDED DIMENSION  
THICKNESS : 0.2 ± 0.03

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|  |               |                |                    |                                       |                          |                         |          |              |
|--|---------------|----------------|--------------------|---------------------------------------|--------------------------|-------------------------|----------|--------------|
| REVISED  | 2016/06/08    | 2016/06/08     | 2016/06/08         | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION UNITS          | SCALE                   |          |              |
|  | EC NO: 105622 | DRWN: YCHEN128 | CHK'D: TKUSUHARA01 |                                       | mm                       | 20:1                    |          |              |
|  | 4 PLACES      | ± 0.03         | AYOSHII01          |                                       | DATE                     | 2016/04/05              |          |              |
|  | 3 PLACES      | ± 0.03         | CHK'D BY           |                                       | DATE                     | YKOBAYASHI02 2016/04/15 |          |              |
| 2 PLACES   | ± 0.05        | APPR BY        | DATE               | TKUSUHARA01 2016/04/18                | PRODUCT CUSTOMER DRAWING |                         |          |              |
| 1 PLACE  | ± 0.1         | DRAWING SIZE   |                    | THIRD ANGLE PROJECTION                | SERIES                   | MATERIAL NUMBER         | CUSTOMER |              |
| 0 PLACES   | ± 0.2         | A3             |                    |                                       | 504754                   | SEE SHEET 1             |          |              |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |               |                |                    |                                       | DOCUMENT NUMBER          | DOC TYPE                | DOC PART | SHEET NUMBER |
|  |               |                |                    |                                       | 5047541004               | PSD                     | 000      | 2 OF 2       |

单击下面可查看定价，库存，交付和生命周期等信息

[>>MOLEX](#)