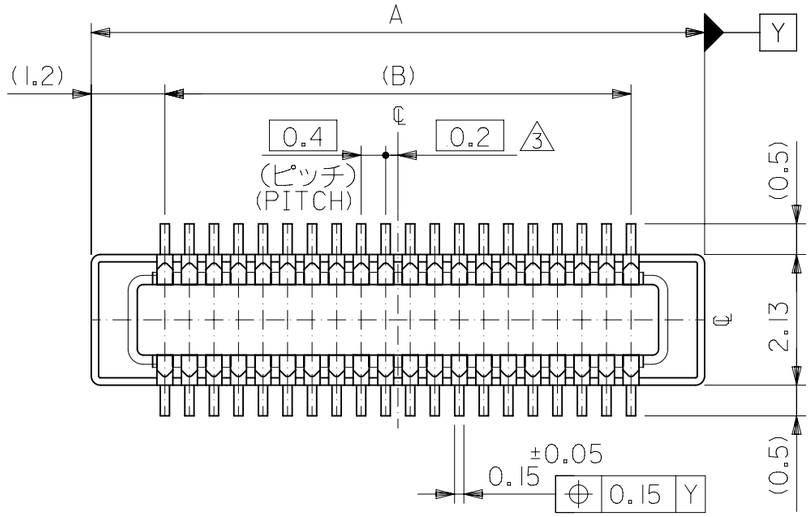
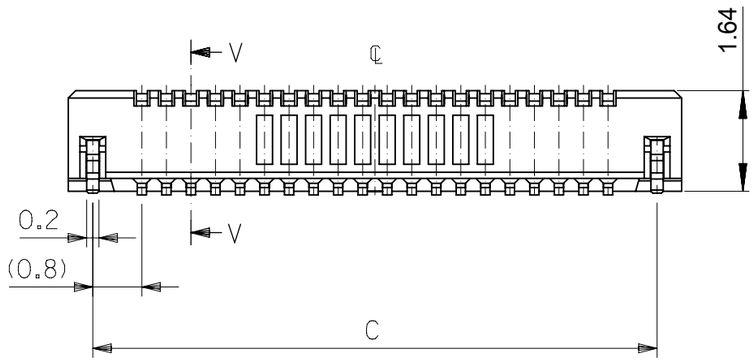
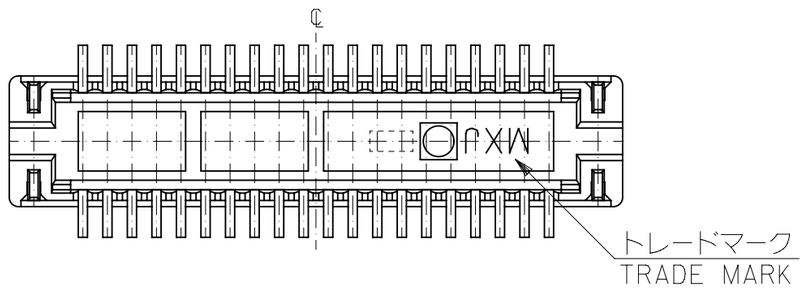
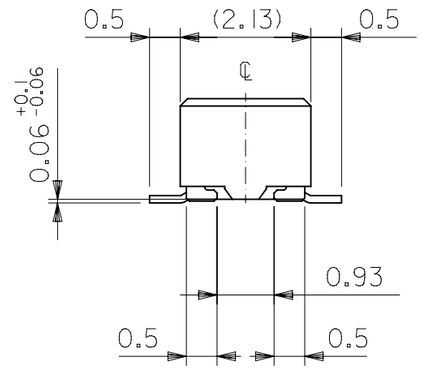


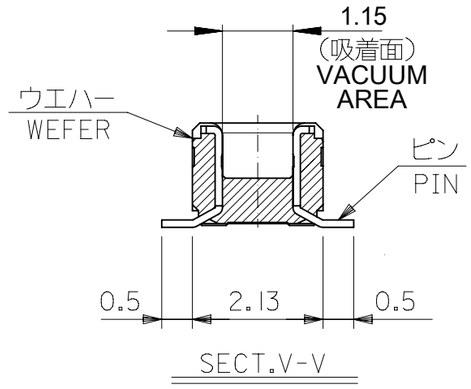




注記 NOTES:

1. 使用材料 MATERIAL
   ウエハー：液晶ポリマー（ＬＣＰ） ガラス充填 ＵＬ９４Ｖ－０（黒）
   WAFER: LIQUID CRYSTAL POLYMER(GLASS FILLED) UL94V-0 (COLOR:BLACK)
   ピン：黄銅（ｔ＝０．１２）
   PIN: BRASS (t=0.12)
   金具：リン青銅（ｔ＝０．２）
   FITTING NAIL: PHOSPHOR BRONZE (t=0.2)
2. メッキ仕様 PLATING
   ピン PIN
   金メッキ 0.2 マイクロメートル以上（コンタクト部）
   GOLD 0.2MICROMETER MINIMUM (CONTACT AREA)
   金メッキ 0.4 マイクロメートル以下（テール部）
   GOLD 0.4MICROMETER MAXIMUM (TAIL AREA)
   下地メッキ：ニッケルメッキ 1.5 マイクロメートル以上
   UNDER PLATING : NICKEL 1.5MICROMETER MINIMUM
   金具 FITTING NAIL
   錫メッキ 1.0 マイクロメートル以上
   TIN PLATING 1.0MICROMETER MINIMUM
   下地メッキ：ニッケルメッキ 1.0 マイクロメートル以上
   UNDER PLATING : NICKEL 1.0MICROMETER MINIMUM

3. （全極数／２）＝偶数の場合に適用。
   APPLY FOR (CIRCUIT/2)=EVEN.
4. 嵌合相手：51338シリーズ (嵌合高さ = 2.0mm) 及び 500913シリーズ (嵌合高さ = 2.3mm)
   MATE WITH : 51338 SERIES (HEIGTH = 2.0mm) AND 500913 SERIES (HEIGHT = 2.3mm)
5. テール平坦度は、０．０８以下
   テール及び金具の平坦度は、０．１以下
   TAIL COPLANARITY TO BE 0.08MAXIMUM
   TAIL AND FITTING NAIL COPLANARITY TO BE 0.1 MAXIMUM
6. ELV 及び RoHS 適合品
   ELV AND RoHS COMPLIANT.




| | | | | |
|---|---|---|---|---|
| 17.2 | 15.6 | 18.0 | 501745-0801 | 80 |
| 15.2 | 13.6 | 16.0 | 501745-0701 | 70 |
| 13.2 | 11.6 | 14.0 | 501745-0601 | 60 |
| 12.0 | 10.4 | 12.8 | 501745-0541 | 54 |
| 11.2 | 9.6 | 12.0 | 501745-0501 | 50 |
| 9.2 | 7.6 | 10.0 | 501745-0401 | 40 |
| 7.2 | 5.6 | 8.0 | 501745-0301 | 30 |
| 3.6 | 2.0 | 4.4 | 501745-9901 | 12 |
| C | B | A | EMBOSSED PACKAGE | CKT。 |
| | | | ORDER NO. オーダー番号 | |

CONNECTOR SERIES No. 501745-***0

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

| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
|---|---|
| $10^{UNDER}$ | ±0.2 |
| $10^{OVER}$ $30^{UNDER}$ | ±0.25 |
| $30^{OVER}$ | ±0.3 |

DIMENSION UNITS: mm | SCALE: NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 3.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:
EC NO: 739909
DRWN: RAJMOK 2023/02/21
CHK'D: HSHIMOYAMA 2023/02/23
APPR: YNAITO 2023/02/23
INITIAL REVISION:
DRWN: KSAITO01 2007/03/06
APPR: NUKITA 2007/03/06

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 501745

molex

0.4 B-TO-B CONN. H = 2.0 / 2.3
J-BEND PLUG

PRODUCT CUSTOMER DRAWING

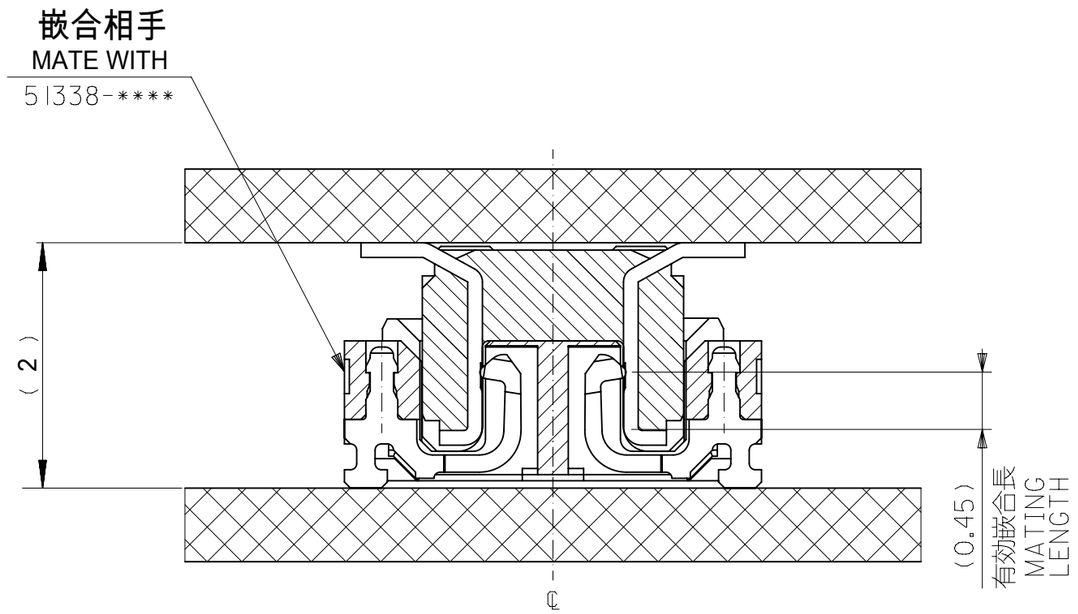
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-501745-001 | PSD | 001 | J |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 1 OF 2 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/02/23 16:23:53 |
|---|---|---|---|

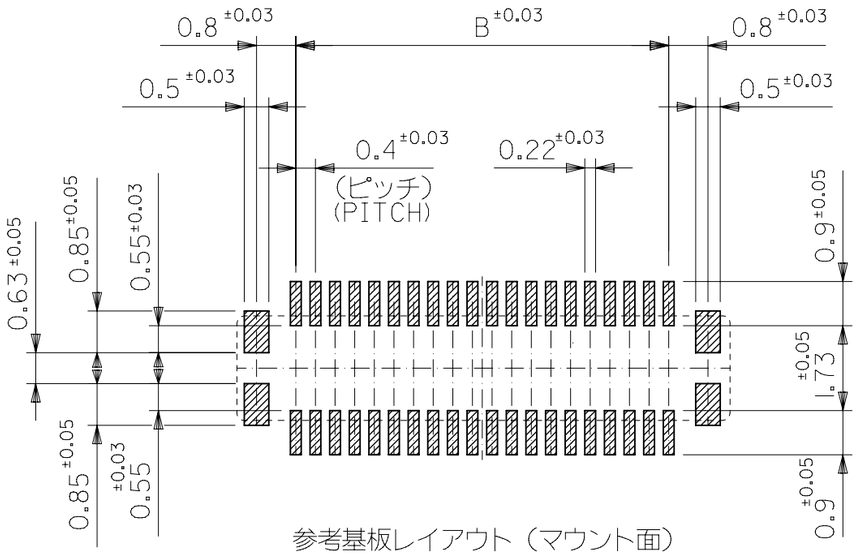
FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

# MATE : 501745 WITH 51338




嵌合断面図（参考）

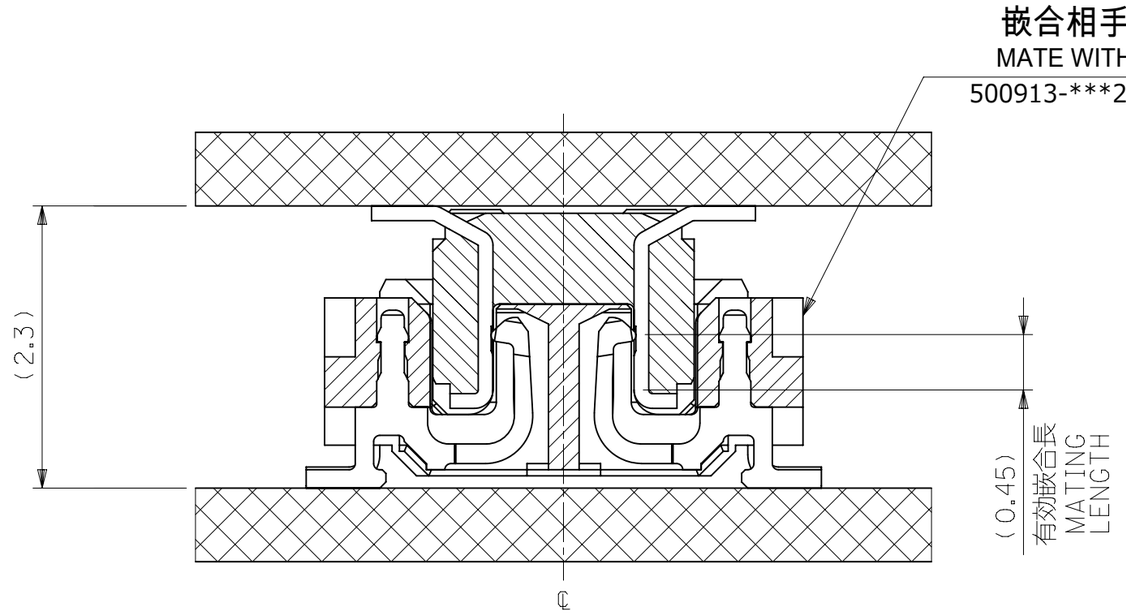
MATED DRAWING (REFERENCE)




参考基板レイアウト（マウント面）

P.C.BOARD PATTERN DIMENSION.
(REFERENCE)
(MOUNTING AREA)

# MATE : 501745 WITH 500913




嵌合断面図（参考）

MATED DRAWING (REFERENCE)

| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
|---|---|
| $10^{\text{UNDER}}$ | ±0.2 |
| $10^{\text{OVER}}$ $30^{\text{UNDER}}$ | ±0.25 |
| $30^{\text{OVER}}$ | ±0.3 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/02/23 16:23:53 |
|---|---|---|---|

CONNECTOR SERIES No. 501745-***0

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

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 3.0°

4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 739909
DRWN: RAJMOK 2023/02/21
CHK'D: HSHIMOYAMA 2023/02/23
APPR: YNAITO 2023/02/23

INITIAL REVISION:
DRWN: KSAITO01 2007/03/06
APPR: NUKITA 2007/03/06

molex

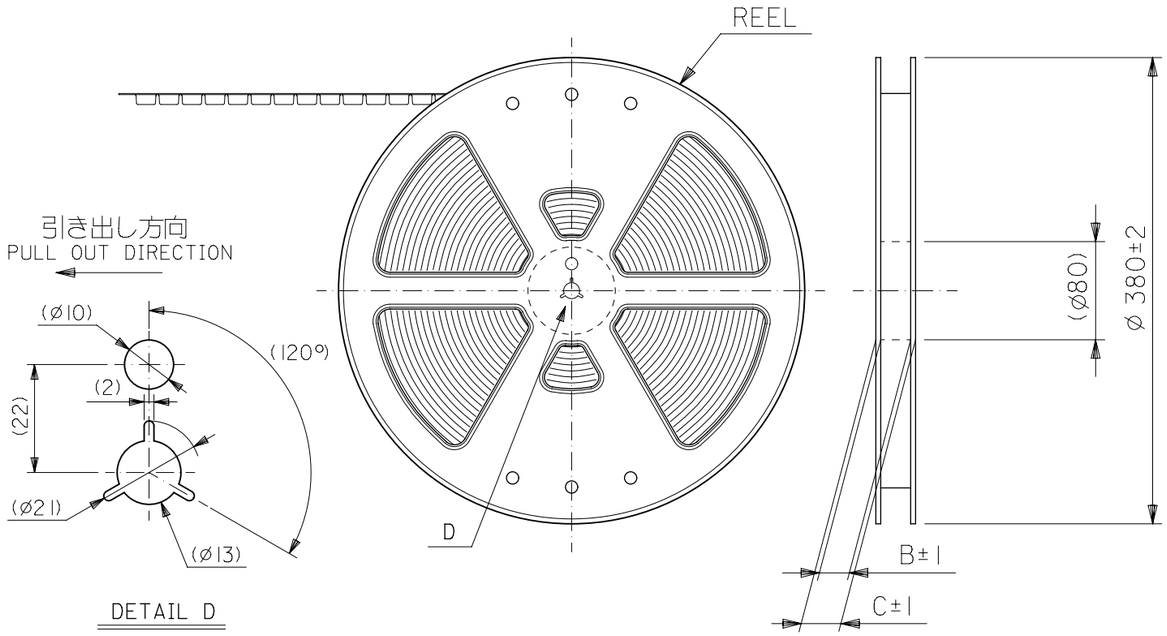
0.4 B-TO-B CONN. H = 2.0 / 2.3
J-BEND PLUG

PRODUCT CUSTOMER DRAWING

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A3-SIZE | 501745 | SEE SHEET-1 | GENERAL MARKET | 2 OF 2 |

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-501745-001 | PSD | 001 | J |

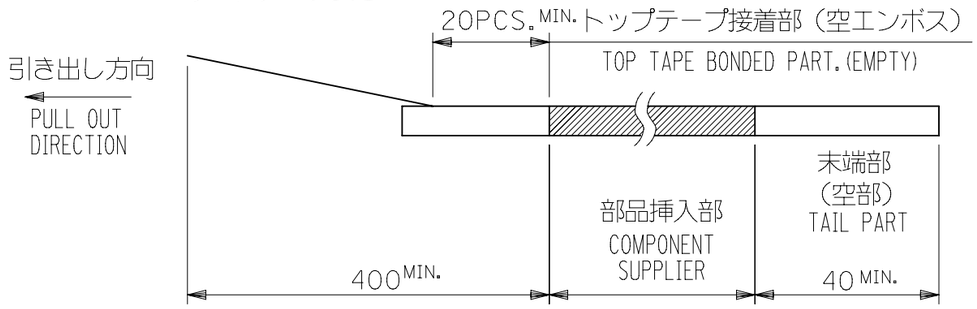
FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01




DETAIL D

NOTES

1. 製品詳細寸法については製品単体図面を参照下さい。
   DETAIL DIMENSIONS, SEE PRODUCT DRAWING.
2. 梱包数量：２５００個／リール
   NUMBER OF CONNECTORS : 2500PCS/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
   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.

| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
|---|---|
| 10 UNDER | ±0.2 |
| 10 OVER 30 UNDER | ±0.25 |
| 30 OVER | ±0.3 |

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

CURRENT REV DESC:

EC NO: 638555
DRWN: BKBAE 2020/05/15
CHK'D: SHCHU 2020/05/29
APPR: SHCHU 2020/06/01

INITIAL REVISION:
DRWN: K.SAITO 2007/03/01
APPR: N.UKITA 2007/03/01

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 501745

molex

0.4 B-TO-B CONN. H = 2.0 / 2.3
J-BEND PLUG

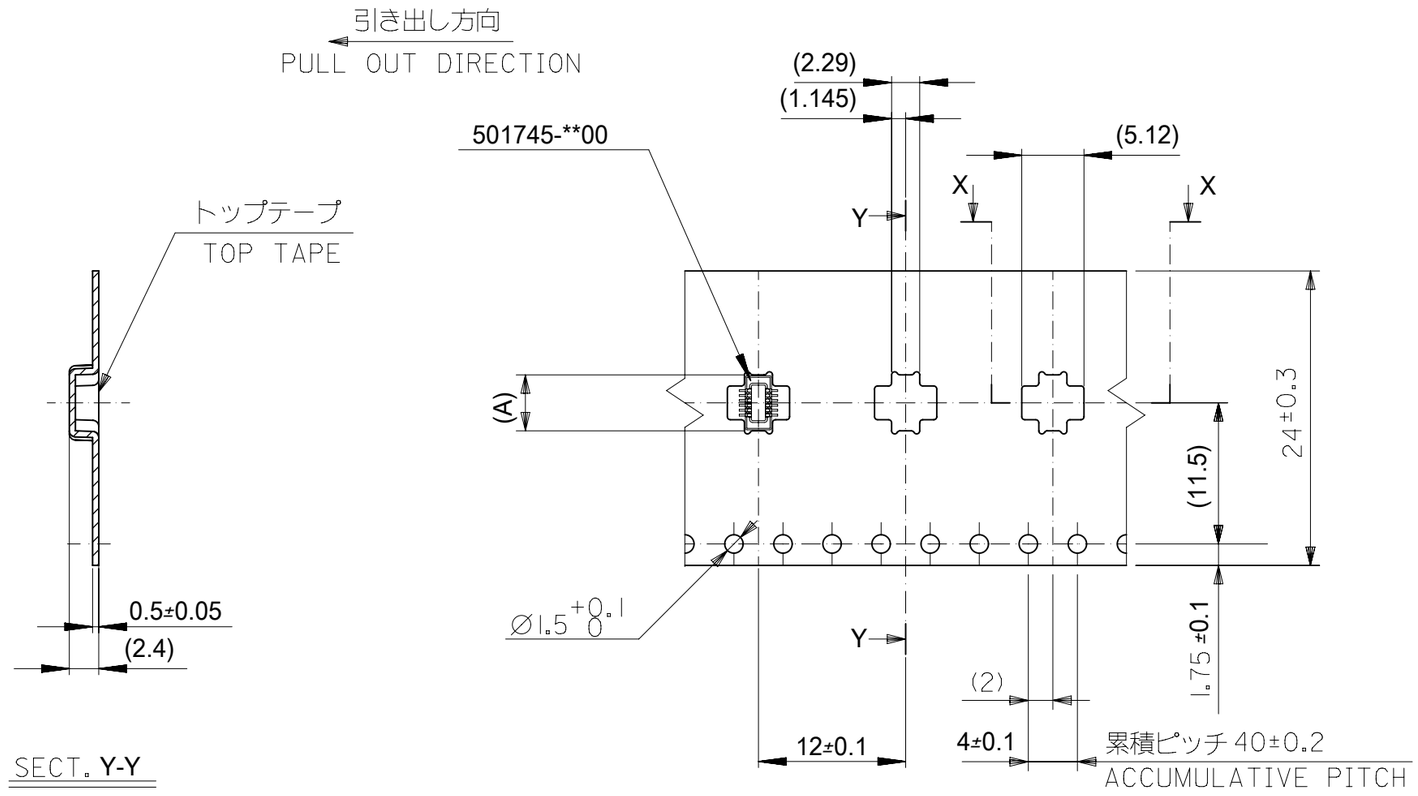
PRODUCT CUSTOMER DRAWING

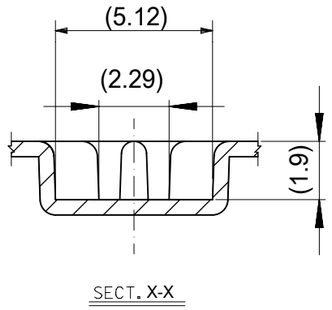
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-501745-002 | PSD | 001 | F |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 1 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/06/01 01:17:13 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: D
DATE: 2018/01/18




注記)製品がポケット内に問題なく収まること。
NOTE. Pocket should contain product smoothly.

| 24 | 29.4 | 25.4 | 4.56 | 501745-9901 | 12 |
|---|---|---|---|---|---|
| キャリアテープ幅 CARRIER TAPE WIDTH | C | B | (A) | オーダー番号 ORDER NO. | 極数 CKT. |

CONNECTOR SERIES No. 501745-***0

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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 638555
DRWN: BKBAE 2020/05/15
CHK'D: SHCHU 2020/05/29
APPR: SHCHU 2020/06/01

INITIAL REVISION:
DRWN: K.SAITO 2007/03/01
APPR: N.UKITA 2007/03/01

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 501745

molex

0.4 B-TO-B CONN. H = 2.0 / 2.3
J-BEND PLUG

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-501745-002 | PSD | 001 | F |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 2 OF 4 |

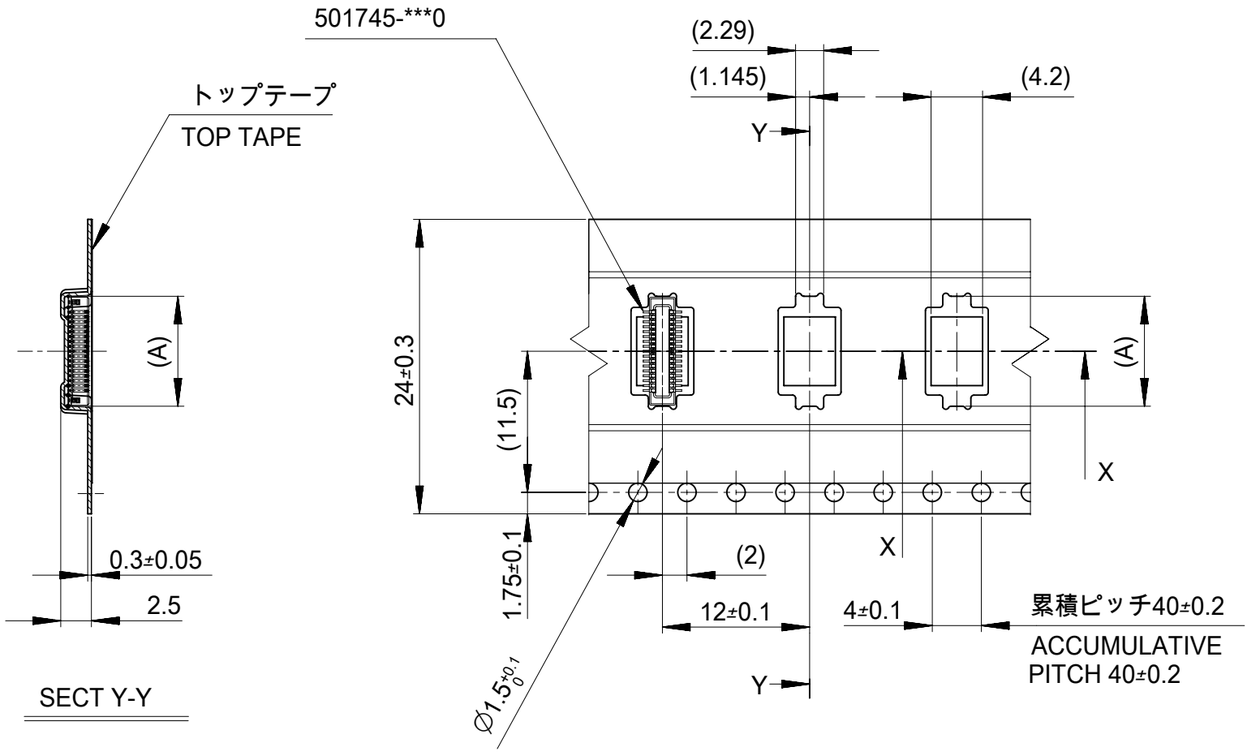
| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
|---|---|
| 10 UNDER | ±0.2 |
| 10 OVER 30 UNDER | ±0.25 |
| 30 OVER | ±0.3 |

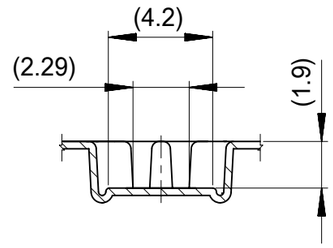
| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/06/01 01:17:13 |
|---|---|---|---|

FORMAT: Mel-lega-master-tb-prod-A3
REVISION: D
DATE: 2018/01/18

引き出し方向

PULL OUT
DIRECTION




| | | | | | |
|---|---|---|---|---|---|
| 24 | 29.4 | 25.4 | 14.16 | 501745-0601 | 60 |
| | | | 12.96 | 501745-0541 | 54 |
| | | | 12.16 | 501745-0501 | 50 |
| | | | 10.16 | 501745-0401 | 40 |
| | | | 8.16 | 501745-0301 | 30 |
| キャリアテープ幅 CARRIER TAPE WIDTH | C | B | (A) | オーダー番号 ORDER NO. | 極数 CKT。 |

CONNECTOR SERIES No. 501745-***0

| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
|---|---|
| $10^{UNDER}$ | ±0.2 |
| $10^{OVER}$ $30^{UNDER}$ | ±0.25 |
| $30^{OVER}$ | ±0.3 |

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

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 638555
DRWN: BKBAE 2020/05/15
CHK'D: SHCHU 2020/05/29
APPR: SHCHU 2020/06/01

INITIAL REVISION:
DRWN: K.SAITO 2007/03/01
APPR: N.UKITA 2007/03/01

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 501745

molex

0.4 B-TO-B CONN. H = 2.0 / 2.3
J-BEND PLUG

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-501745-002 | PSD | 001 | F |

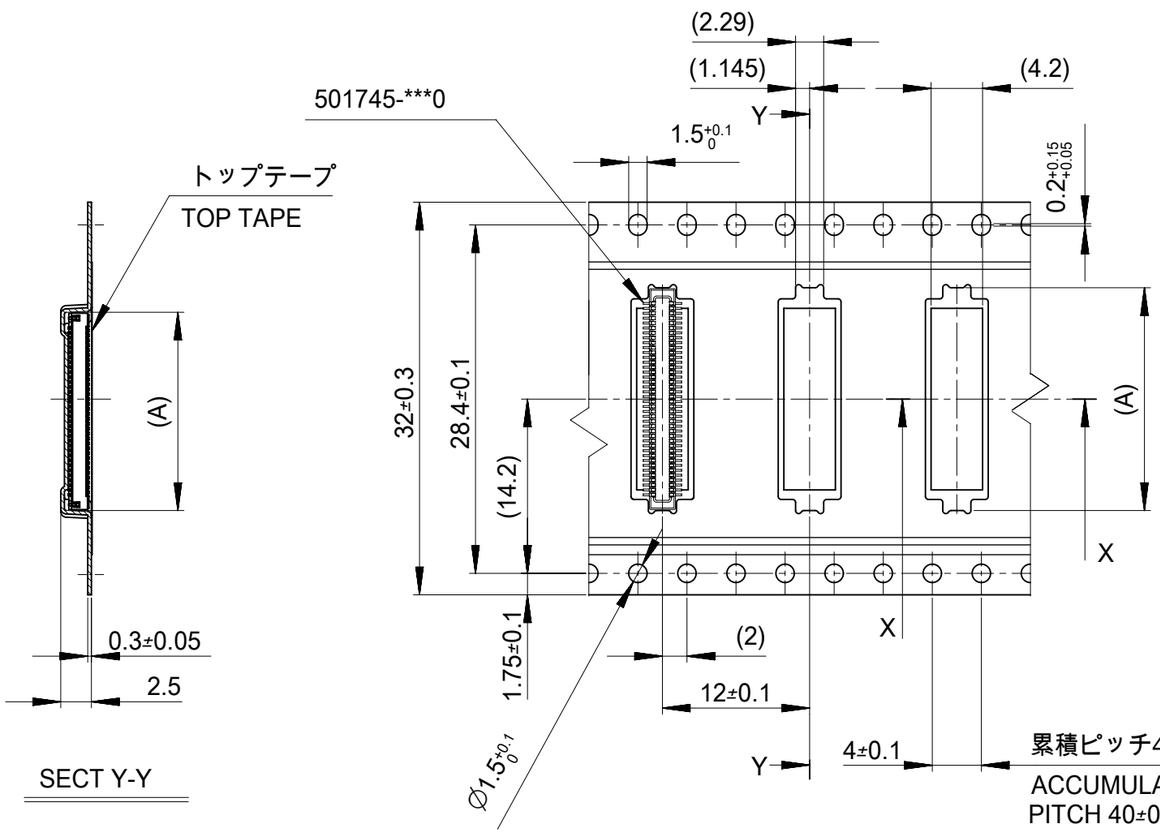
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 3 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/06/01 01:17:13 |
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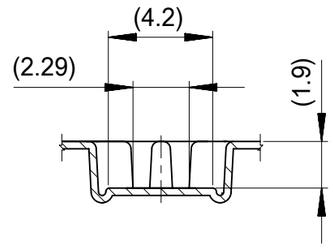
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REVISION: D
DATE: 2018/01/18

引き出し方向

PULL OUT
DIRECTION




SECT Y-Y




SECT X-X

| | | | | | |
|---|---|---|---|---|---|
| 32 | 37.4 | 33.4 | 18.16 | 501745-0801 | 80 |
| | | | 16.16 | 501745-0701 | 70 |
| キャリアテープ幅 CARRIER TAPE WIDTH | C | B | (A) | オーダー番号 ORDER NO. | 極数 CKT。 |

CONNECTOR SERIES No. 501745-***0

| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
|---|---|
| $10^{UNDER}$ | ±0.2 |
| $10^{OVER}$ $30^{UNDER}$ | ±0.25 |
| $30^{OVER}$ | ±0.3 |

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

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | | ± |
| 3 PLACES | ± | ± |
| 2 PLACES | ± | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 3.0 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 638555
DRWN: BKBAE 2020/05/15
CHK'D: SHCHU 2020/05/29
APPR: SHCHU 2020/06/01

INITIAL REVISION:
DRWN: K.SAITO 2007/03/01
APPR: N.UKITA 2007/03/01

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 501745

molex

0.4 B-TO-B CONN. H = 2.0 / 2.3
J-BEND PLUG

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-501745-002 | PSD | 001 | F |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 4 OF 4 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/06/01 01:17:13 |
|---|---|---|---|

FORMAT: Met-lega-master-tb-prod-A3
REVISION: D
DATE: 2018/01/18