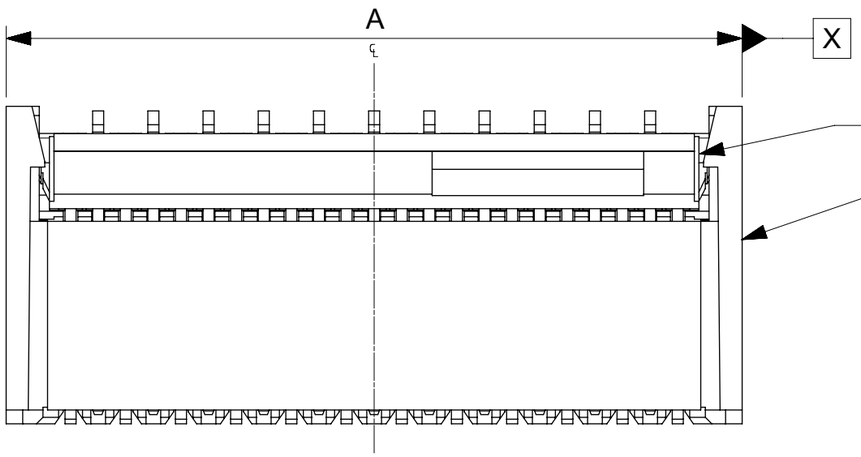
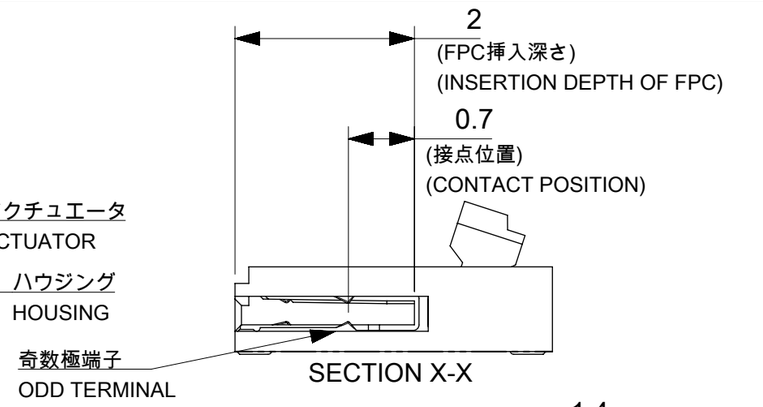
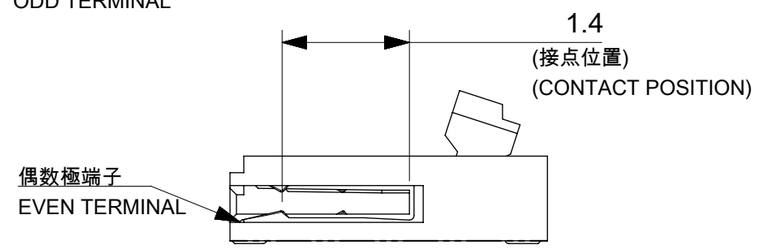
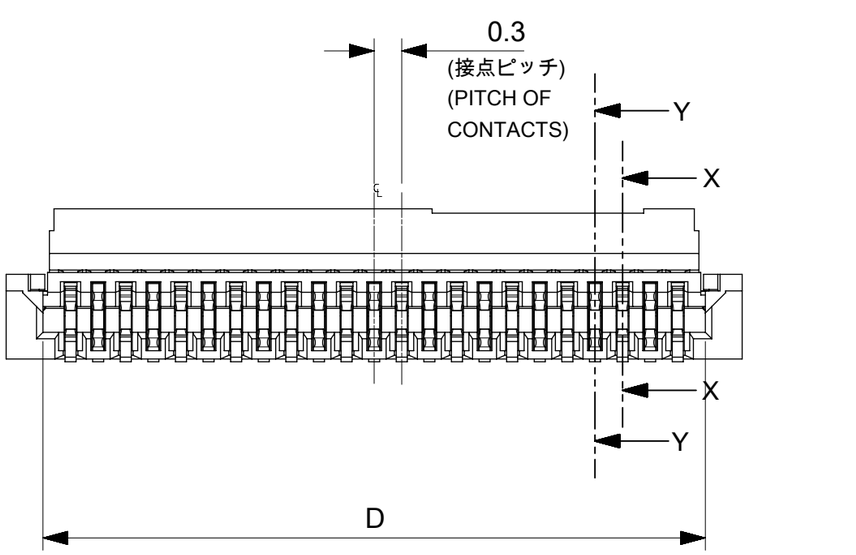


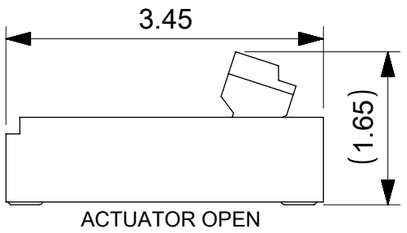


SECTION X-X

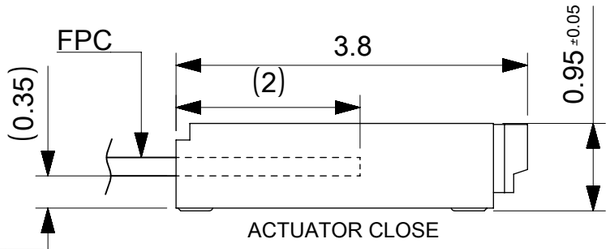


SECTION Y-Y

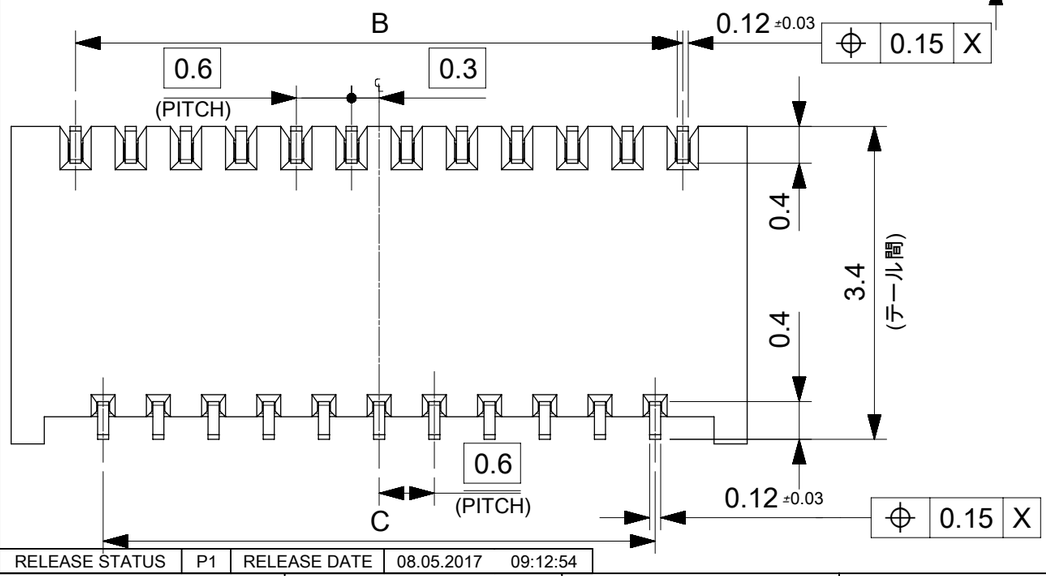




ACTUATOR OPEN

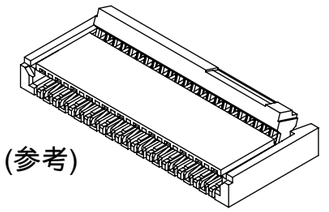


ACTUATOR CLOSE



注記 NOTES

1. 使用材料 MATERIALS
   ハウジング :液晶ポリマー(LCP)、ガラス充填、UL94 V-0、
   ナチュラル(白色系)
   アクチュエータ :ポリアミド(PA)、ガラス充填,UL94、HB、黒色
   奇数端子 :リン青銅 t=0.12ｍｍ
   偶数端子 :リン青銅 t=0.12ｍｍ
   HOUSING :LIQUID CRYSTAL POLYMER(LCP)、
   GLASS FILLED、UL94、V-0、NATURAL(WHITE)
   ACTUATOR :POLYMIDE(PA)、GLASS FILLED、UL94、HB、
   BLACK
   ODD TERMINAL :PHOSPHOR BRONZE t=0.12ｍｍ
   EVEN TERMINAL :PHOSPHOR BRONZE t=0.12ｍｍ
2. メッキ仕様 PLATING
   端子 TERMINAL
   テール部 :金メッキ
   接点部 :金メッキ 0.1μm以上
   下地 :ニッケルメッキ 1.0μm以上
   TAIL AREA: Gold PLATING
   CONTACT AREA : Gold PLATING 0.1μm MINIMUM
   UNDER PLATING: Nickel PLATING 1.0μm MINIMUM
3. 端子の平坦度は0.1ｍｍ以下とする
   COPLANALITY OF SOLDER TAILS: 0.1ｍｍMAX.
4. ELV及びRoHS適合品
   ELV AND RoHS COMPLIANT



ISO VIEW (参考)

D	C	B	A	EMBOSSED TAPE ORDER NO. オーダー番号	CIRCUITS
18.6	17.4	18.0	19.4	504740-6100	61
15.6	14.4	15.0	16.4	504740-5100	51
13.8	12.6	13.2	14.6	504740-4500	45
12.6	11.4	12.0	13.4	504740-4100	41
12.0	10.8	11.4	12.8	504740-3900	39
11.4	10.2	10.8	12.2	504740-3700	37
10.2	9.0	9.6	11.0	504740-3300	33
7.8	6.6	7.2	8.6	504740-2500	25
7.2	6.0	6.6	8.0	504740-2300	23
6.0	4.8	5.4	6.8	504740-1900	19
3.6	2.4	3.0	4.4	504740-1100	11

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

EC NO:	116601	2017/05/08	
DRWN:	TYAMANE	2017/05/08	
CHK'D:	YKOBAYASHI02	2017/05/08	
APPR:	TKUSUHARA01		

REV: B

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES	±	0.03
3 PLACES	±	0.03
2 PLACES	±	0.05
1 PLACE	±	0.1
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: MM
SCALE: ——

DRWN BY: SHIRATA DATE: 2015/03/03
CHK'D BY: KTAKAHASHI DATE: 2015/05/22
APPR BY: KMORIKAWA DATE: 2016/08/02

DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex®

0.3 FPC CONN. BF H=0.95 HOUSING ASSY

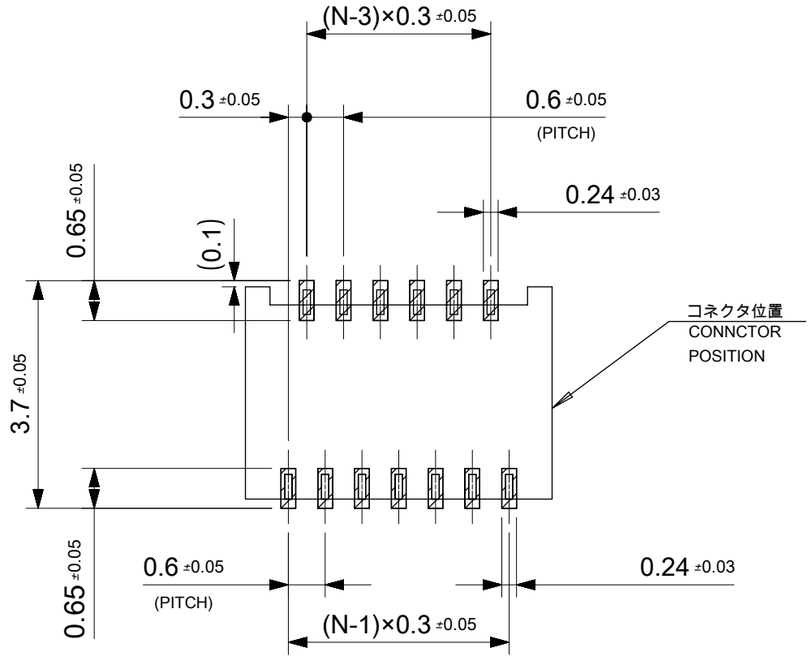
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
504740	SEE CHART	GENERAL

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5047401000	PSD	000	1 OF 2

RELEASE STATUS	P1	RELEASE DATE	08.05.2017 09:12:54

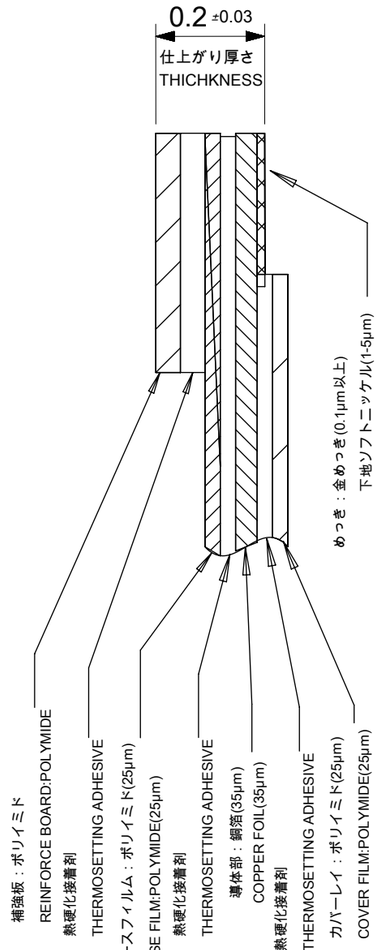
FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2015/12/14



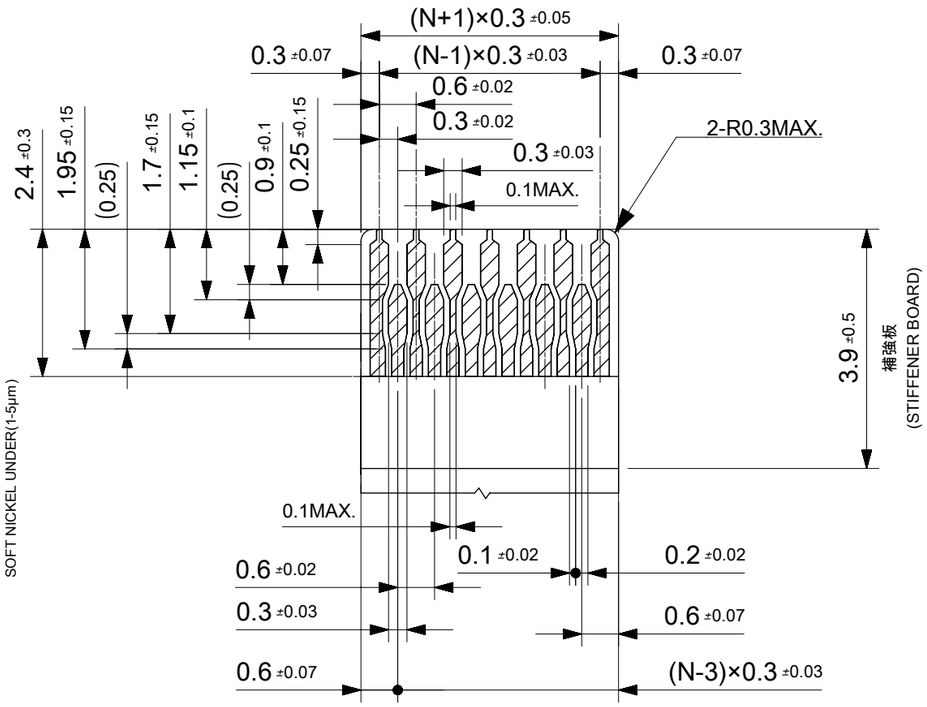
参照基板レイアウト(マウント面)
P.W.BOARD PATTERN
DIM.(REF)

推奨メタルマスク厚さ：0.1mm
RECOMMENDED METAL MASK THICKNESS：0.1mm

推奨開口率 ： 80%
APERTURE RATE ： 80%



FPC構成推奨仕様
STRUCTURE OF FPC



適合FPC推奨寸法
(仕上がり厚さ：0.20±0.03)
APPLY FPC RECOMMENDED DIM.
(THICHKNESS：0.20±0.03)

FPCについて (ABOUT FPC)
抜き方向は、導体側から補強版側を推奨致します。
補強板材質はポリイミド、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 PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL:
STIFFENER BOARD: POLYIMIDE
BONDING AGENT: THERMOSETTING AGENT
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND
BECAUSE THERE IS A POSSIBILITY THAT
THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

※1 補強板の長さが図面通りに確保できない場合は、カバーレイと
補強板のオーバーラップ寸法を0.5mm以上としてください。
WHEN STIFFNER BOARD DIMENSION CAN NOT SECURE
AS DRAWING, PLEASE GIVE THE OVERLAP SIZE OF
COVER FILM AND STIFFNER BOARD AS 0.5mm MINIMUM.

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

EC NO: 116601 2017/05/08
DRWN: TYAMANE 2017/05/08
CHK'D: YKOBAYASHI02 2017/05/08
APPR: TKUSUHARA01

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	1.0 °
4 PLACES	± 0.03
3 PLACES	± 0.03
2 PLACES	± 0.05
1 PLACE	± 0.1
0 PLACES	± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: B

DIMENSION UNITS: MM
SCALE: ———

DRWN BY: SHIRATA DATE: 2015/03/03
CHK'D BY: KTAKAHASHI DATE: 2015/05/22
APPR BY: KMORIKAWA DATE: 2016/08/02

DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex®

0.3 FPC CONN. BF H=0.95 HOUSING ASSY

PRODUCT CUSTOMER DRAWING

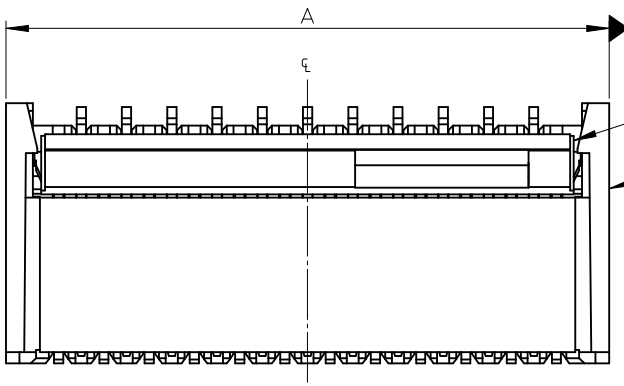
SERIES	MATERIAL NUMBER	CUSTOMER
504740	SEE CHART	GENERAL

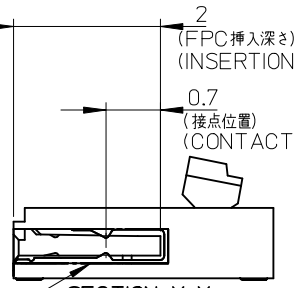
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5047401000	PSD	000	2 OF 2

tb_frame_A3_J_AM_S
Rev H 2014/11/25

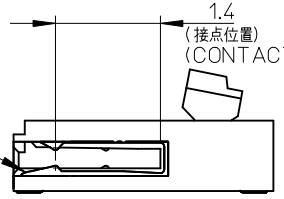
RELEASE STATUS	P1	RELEASE DATE	08.05.2017 09:12:54

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2015/12/14

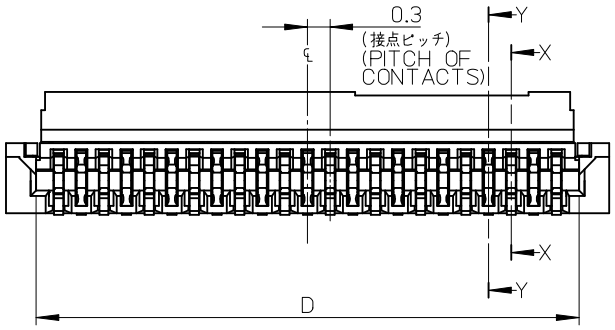


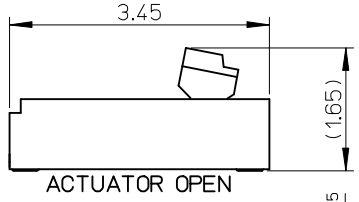


SECTION X-X

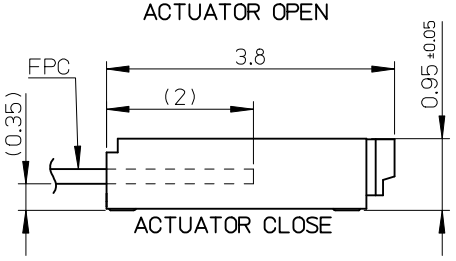


SECTION Y-Y

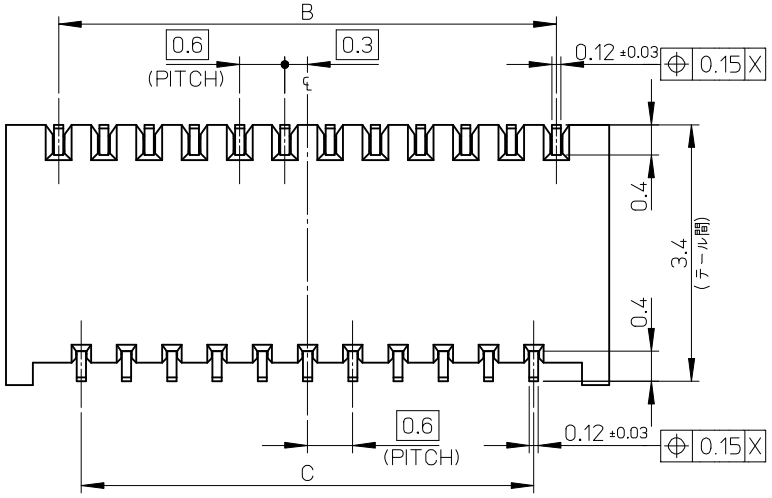




ACTUATOR OPEN

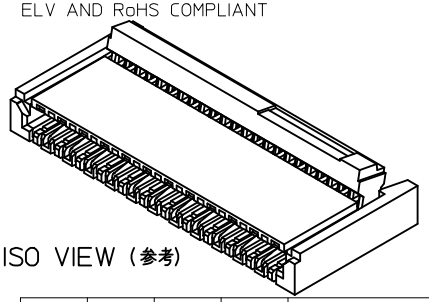


ACTUATOR CLOSE



注記 NOTES

1. 使用材料 MATERIALS
   ハウジング　：液晶ポリマー（LCP）、ガラス充填、UL94 V-0、ナチュラル（白色系）
   アクチュエータ：ポリアミド（PA）、ガラス充填、UL94 HB、黒色
   奇数端子　：リン青銅 t=0.12mm
   偶数端子　：リン青銅 t=0.12mm
   HOUSING　：LIQUID CRYSTAL POLYMER(LCP)、GLASS FILLED、UL94 V-0、NATURAL(WHITE)
   ACTUATOR　：POLYAMIDE(PA)、GLASS FILLED、UL94 HB、BLACK
   ODD TERMINAL : PHOSPHOR BRONZE t=0.12mm
   EVEN TERMINAL: PHOSPHOR BRONZE t=0.12mm
2. メッキ仕様 PLATING
   端子 TERMINAL
   テール部：金メッキ
   接点部：金メッキ　0.1μm以上
   下地：ニッケルメッキ　1.0μm以上
   TAIL AREA : Gold PLATING
   CONTACT AREA : Gold PLATING 0.1μm MINIMUM
   UNDER PLATING : Nickel PLATING 1.0μm MINIMUM
3. 端子の平坦度は0.1mm以下とする
   COPLANALITY OF SOLDER TAILS: 0.1mmMAX.
4. ELV及びRoHS適合品
   ELV AND RoHS COMPLIANT



ISO VIEW（参考）

D	C	B	A	EMBOSSED TAPE / ORDER NO. オーダー番号	CIRCUITS
18.6	17.4	18.0	19.4	504740-6100	61
15.6	14.4	15.0	16.4	504740-5100	51
13.8	12.6	13.2	14.6	504740-4500	45
12.6	11.4	12.0	13.4	504740-4100	41
12.0	10.8	11.4	12.8	504740-3900	39
11.4	10.2	10.8	12.2	504740-3700	37
10.2	9.0	9.6	11.0	504740-3300	33
7.2	6.0	6.6	8.0	504740-2300	23
6.0	4.8	5.4	6.8	504740-1900	19

CONNECTOR SERIES NO. 504740-**09

REVISED
EC NO: J2015-1144　2015/03/06
DRWN:NASANUMA　2015/04/13
CH'KD:KTAKAHASHI　2015/04/14
APPR:YNOGAWA
DESCRIPTION
REV B

GENERAL TOLERANCES (UNLESS SPECIFIED)

0.25	UNDER			±0.03
0.25	OVER	0.5	UNDER	±0.05
0.5	OVER	1.0	UNDER	±0.1
1.0	OVER	10	UNDER	±0.2
10	OVER	30	UNDER	±0.25
30	OVER			±0.3

ANGULAR ±1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: —
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

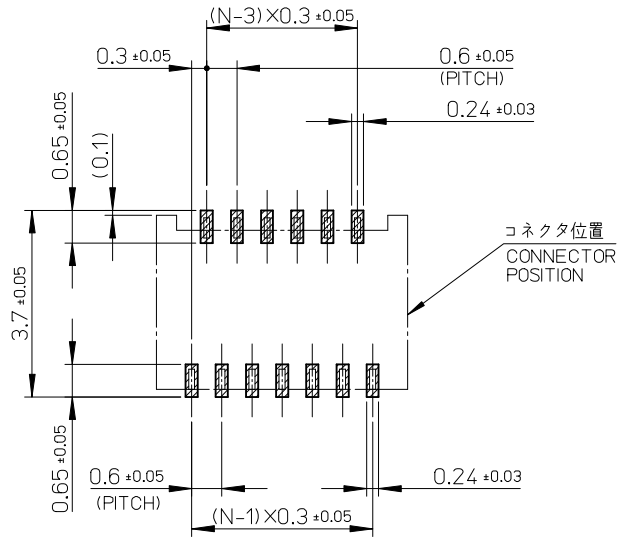
DRAWN BY: TONO　DATE: 2013/07/17
CHECKED BY: HIIJIMA　DATE: 2013/07/17
APPROVED BY: YNOGAWA　DATE: 2014/03/05

TITLE: 0.3 FPC CONN. BACK FLIP HGT=0.95MM HOUSING ASSY

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-504740-001
SHEET NO.: 1 OF 2
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

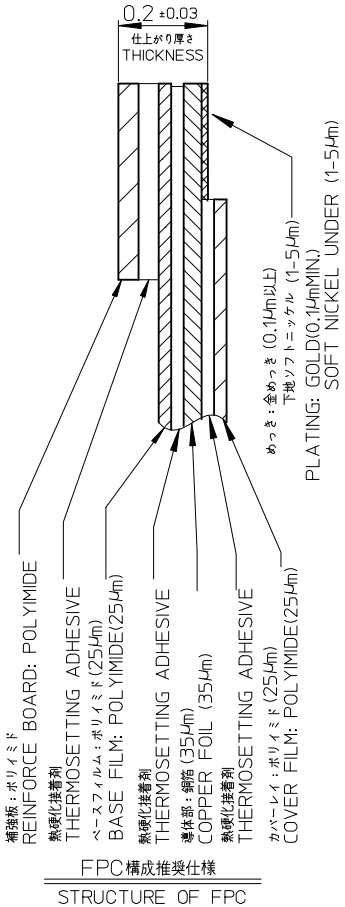


参照基板レイアウト(マウント面)

P.W.BOARD PATTERN
DIM.(REF)

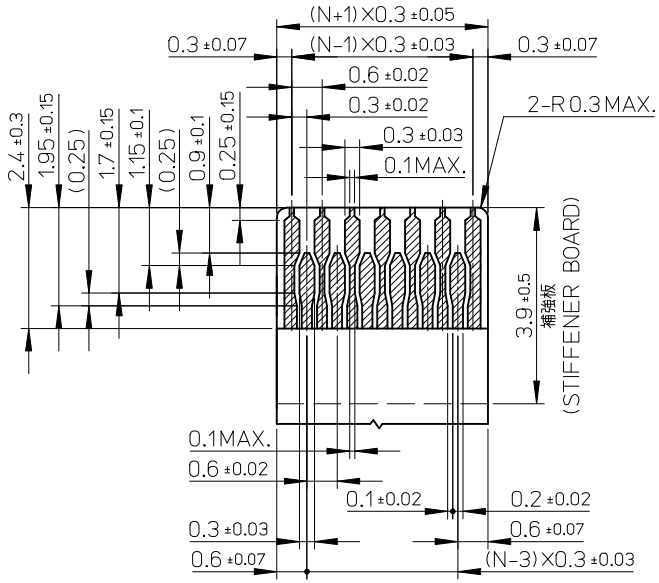
推奨メタルマスク厚さ：0.1mm
RECOMMENDED METAL MASK THICKNESS : 0.1mm

推奨開口率 : 80%
APERTURE RATE : 80%



FPC構成推奨仕様

STRUCTURE OF FPC



適合FPC推奨寸法

(仕上がり厚さ : 0.20±0.03)

APPLY FPC RECOMMENDED DIM.
(THICKNESS : 0.20±0.03)

FPCについて (ABOUT FPC)

抜き方向は、導体側から補強版側を推奨致します。
補強板材質はポリイミド、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 PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL:
STIFFENER BOARD: POLYIMIDE
BONDING AGENT: THERMOSETTING AGENT
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND
BECAUSE THERE IS A POSSIBILITY THAT
THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

※1 補強板の長さが図面通りに確保できない場合は、カバーレイと
補強板のオーバーラップ寸法を0.5mm以上としてください。
WHEN STIFFNER BOARD DIMENSION CAN NOT SECURE
AS DRAWING, PLEASE GIVE THE OVERLAP SIZE OF
COVER FILM AND STIFFNER BOARD AS 0.5mm MINIMUM.

SEE SHEET 1 OF 2
EC NO: J2015-1144
DRWN:NASANUMA 2015/03/06
CH'KD:KTAKAHASHI 2015/04/13
APPR:YNOGAWA 2015/04/14
DESCRIPTION
REV
B

GENERAL TOLERANCES (UNLESS SPECIFIED)

0.25	UNDER			±0.03
0.25	OVER	0.5	UNDER	±0.05
0.5	OVER	1.0	UNDER	±0.1
1.0	OVER	10	UNDER	±0.2
10	OVER	30	UNDER	±0.25
30	OVER			±0.3

ANGULAR ±1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: —
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

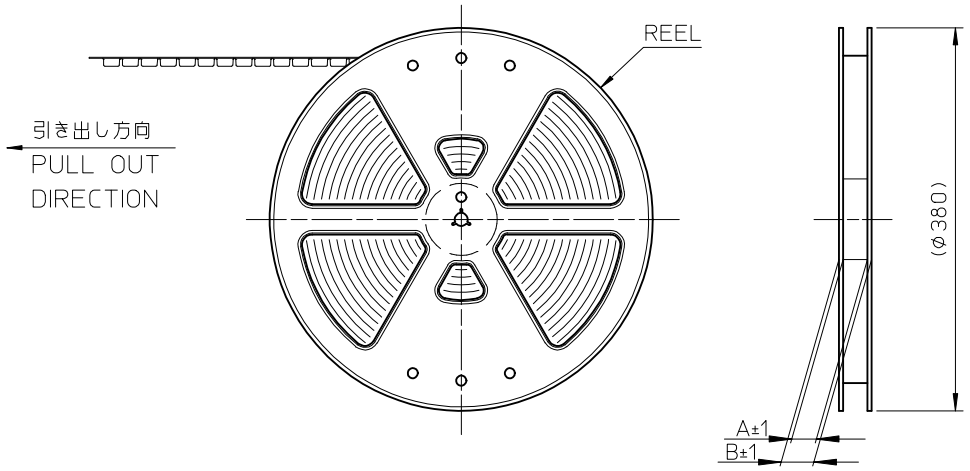
DRAWN BY: TONO DATE: 2013/07/17
CHECKED BY: HIIJIMA DATE: 2013/07/17
APPROVED BY: YNOGAWA DATE: 2014/03/05
MATERIAL NO.: SEE SHEET 1 OF 2

TITLE
0.3 FPC CONN. BACK FLIP
HGT=0.95MM
HOUSING ASSY

molex

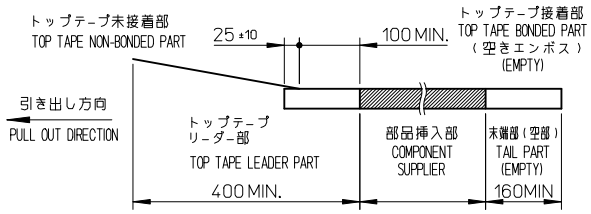
DOCUMENT NO.: SD-504740-001
SHEET NO.: 2 OF 2
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

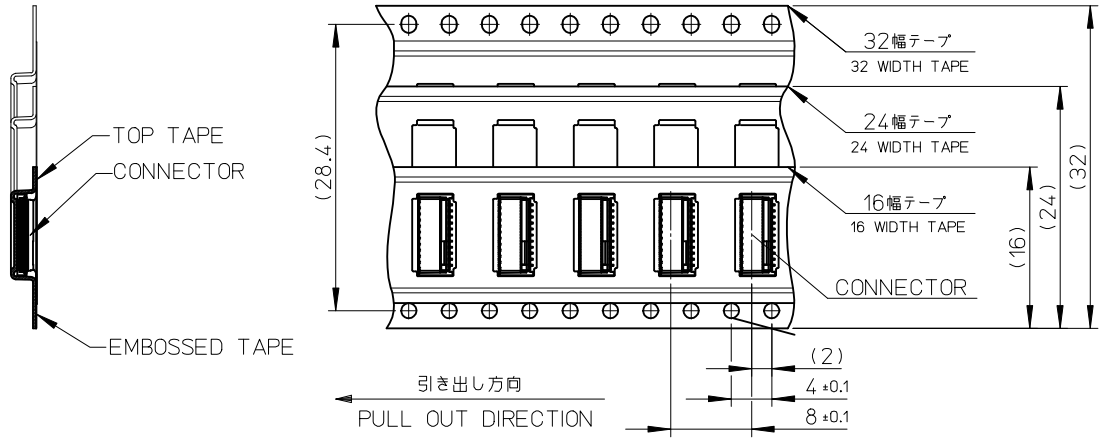


NOTES

1. 製品詳細寸法については、図面 SD-504740-001をご参照下さい。
   REFER TO THE SD-504740-001 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. トップテープの剥離強度については、IEC60286-3 に準拠
   TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.
5. 材料
   キャリアテープ ：ポリスチレン（PS）
   トップテープ ：PET, OTHER
   リール ：ポリスチレン（PS）<リサイクル材を含む>
   MATERIAL
   CARRIER TAPE : POLYSTYRENE(PS)
   TOP TAPE : PET, OTHER
   REEL : POLYSTYRENE(PS)
   <RECYCLE MATERIAL CONTAINED>



エンボステープ内の製品の向き

DIRECTION OF CONNECTOR IN EMBOSSED TAPE

テープ幅 TAPE WIDTH	B	A	EMBOSSED PACKAGE オーダー番号 ORDER NO.	CIRCUIT
32	37.4	33.4	504740-6100	61
			504740-5100	51
24	29.4	25.4	504740-4500	45
			504740-4100	41
			504740-3900	39
			504740-3700	37
			504740-3300	33
16	21.4	17.4	504740-2300	23
			504740-1900	19
CONNECTOR SERIES NO.			504740-**09	

REVISED
EC NO: J2015-1144 2015/03/06
DRWN:NASANUMA 2015/04/13
CH'KD:KTAKAHASHI 2015/04/14
APPR:YNOGAWA
DESCRIPTION
B
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

0.25	UNDER	UNDER	±0.03
0.25	OVER 0.5	UNDER	±0.05
0.5	OVER 1.0	UNDER	±0.1
1.0	OVER 10	UNDER	±0.2
10	OVER 30	UNDER	±0.25
30	OVER		±0.3
ANGULAR	±1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ~~1.0~~
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: TONO DATE: 2013/07/25
CHECKED BY: HIIJIMA DATE: 2013/07/25
APPROVED BY: YNOGAWA DATE: 2014/03/05
MATERIAL NO.: SEE CHART

TITLE: 0.3 FPC CONN. BACK FLIP HGT=0.95MM EMBSTP PKG

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DOCUMENT NO.: SD-504740-002
SHEET NO.: 1 OF 1
SIZE: A3

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Unikeyic Electronics

Global Electronic Components Distributor

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150200083 151660051 217471-1221 2174902123 1200878703 2175202124 151660751 2147632113 2153252062 2153482125 2174911202 2147561082 2174712111 2174911213 0982670423 1300970327 2163012123 559320830 936012539 151670248 2175101122 2183231061 2138642633 216288-1063 2181021034 0150200051 1451300703 2153261101 2162721083 2178431123