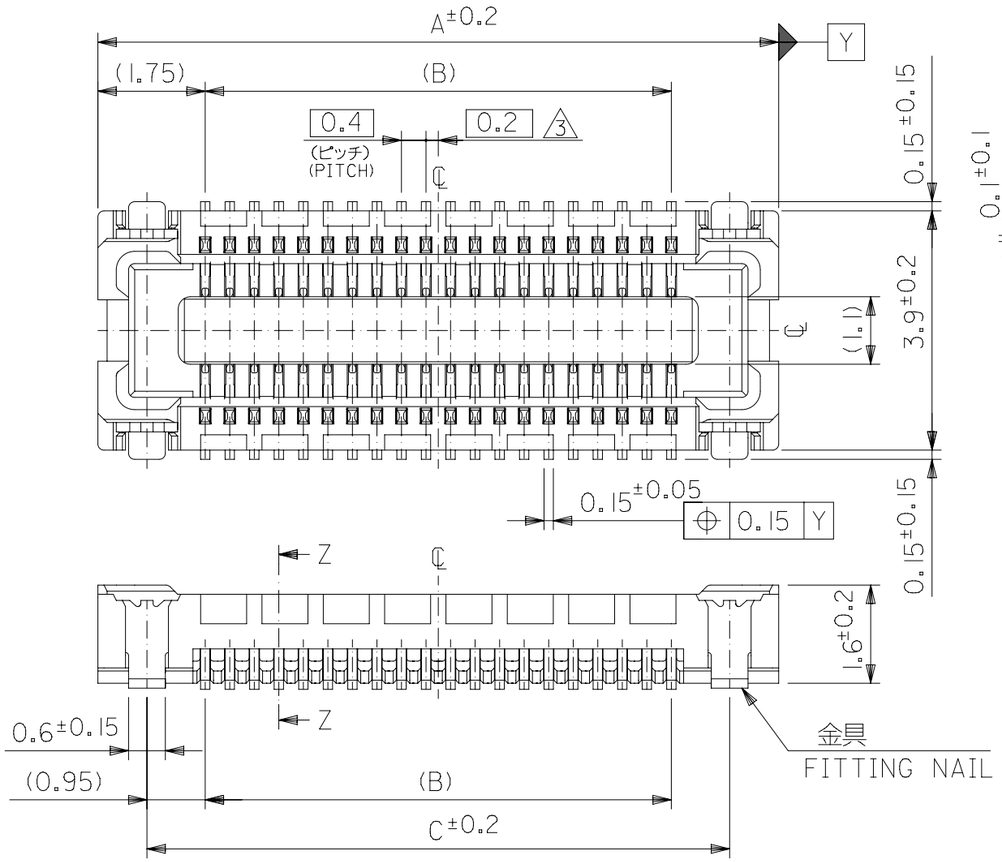
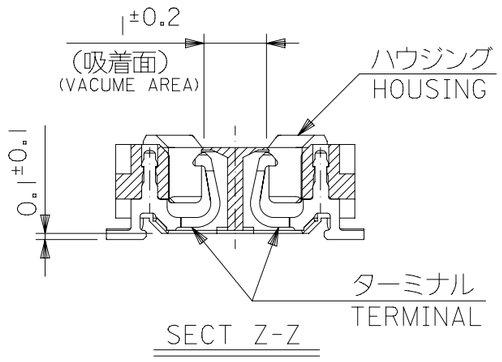
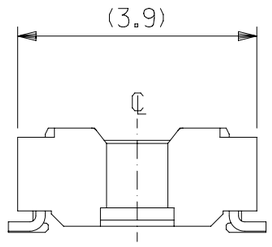
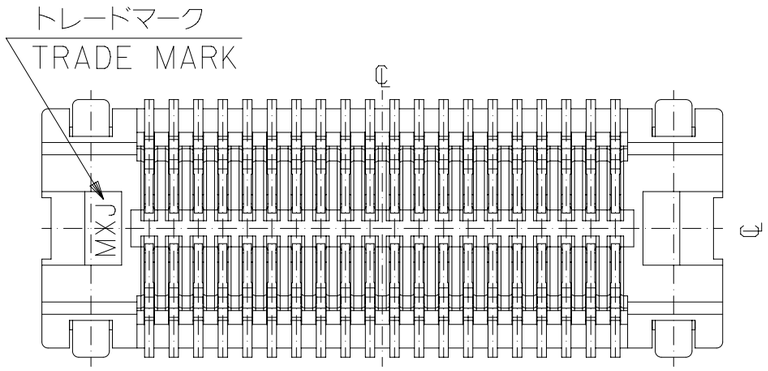








注記 NOTES

1. 使用材料 MATERIAL
   - ハウジング　：液晶ポリマー（ LCP ）UL94V-0（黒）
     HOUSING:LIQUID CRYSTAL POLYMER UL94V-0 (COLOR:BLACK)
   - ターミナル　：リン青銅
     TERMINAL : PHOSPHOR BRONZE
   - 補強金具：リン青銅
     FITTING NAIL : PHOSPHOR BRONZE
2. メッキ仕様 PLATING
   - ターミナルTERMINAL
     コンタクト部：部分金めっき（0.2μm以上）
     CONTACT AREA : SEPARATED GOLD PLATING (0.2 MICROMETER MINIMUM)
     テール部：部分金めっき
     SOLDER TAIL AREA : SEPARATED GOLD PLATING
     下地：ニッケルめっき（1.5μm以上）
     UNDERPLATE : NICKEL OVERALL (1.5 MICROMETER MINIMUM))
   - ※コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。
     DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT AND THE TAIL PART BY THE NICKEL PLATING.
   - 補強金具FITTING NAIL
     テール部：錫メッキ(1.0μm以上)
     SOLDER TAIL AREA : TIN PLATING (1.0 MICROMETER MINIMUM))
     下地：ニッケルめっき（1.0μm以上）
     UNDERPLATE : NICKEL OVERALL (1.0 MICROMETER MINIMUM))
3. （全極数 / 2 ）= 偶数の場合に適用。
   APPLY FOR (CIRCUIT/2)=EVEN.
4. 嵌合相手：55909シリーズ (嵌合高さ = 1.8mm) 及び 501745シリーズ (嵌合高さ = 2.3mm)
   MATE WITH : 55909 SERIES (HEIGTH = 1.8mm) AND 501745 SERIES (HEIGHT = 2.3mm)
5. テール及び金具の平坦度は、 0.1 以下
   TAIL AND FITTING NAIL COPLANARITY TO BE 0.1MAXIMUM.
6. ELV & RoSH適合品
   ELV and RoSH COMPLIANT

21.5	19.6	23.1	500913-1002	100
19.5	17.6	21.1	500913-0902	90
15.5	13.6	17.1	500913-0702	70
13.5	11.6	15.1	500913-0602	60
11.5	9.6	13.1	500913-0502	50
9.5	7.6	11.1	500913-0402	40
7.5	5.6	9.1	500913-0302	30
6.3	4.4	7.9	500913-0242	24
C	B	A	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	極数 CIRCUIT

CONNECTOR SERIES No. : 500913-***8

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 ±	°
4 PLACES ±	
3 PLACES ±	
2 PLACES ±	
1 PLACE ±	
0 PLACES ±	
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: RSUMIYA 2004/04/19
APPR: MSASAO 2004/04/22

molex

0.4 B-TO-B CONN. H = 1.8 / 2.3
J-BEND REC.

PRODUCT CUSTOMER DRAWING

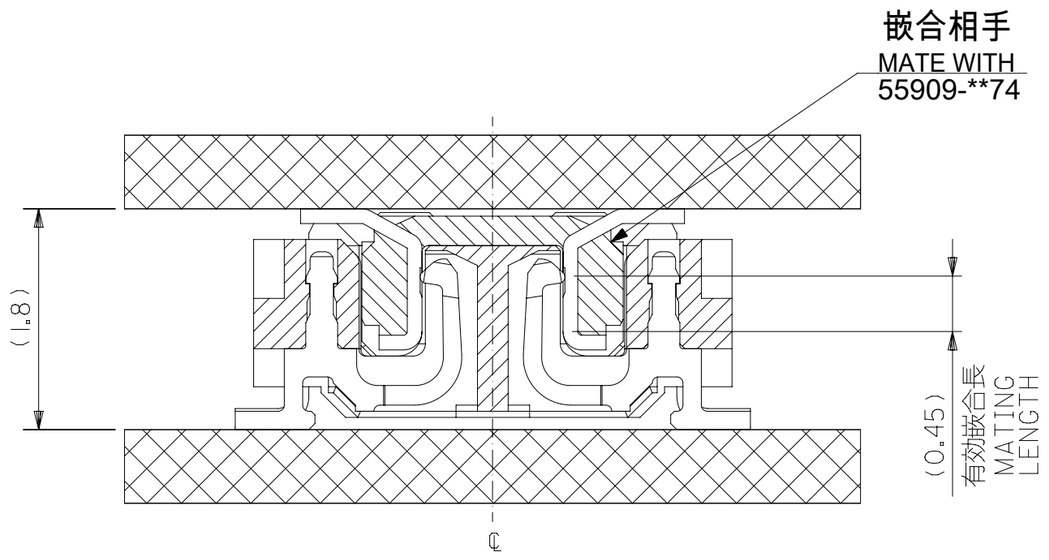
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	500913	SEE CHART	GENERAL MARKET	1 OF 2

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-500913-001	PSD	001	G

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/01 01:17:10

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

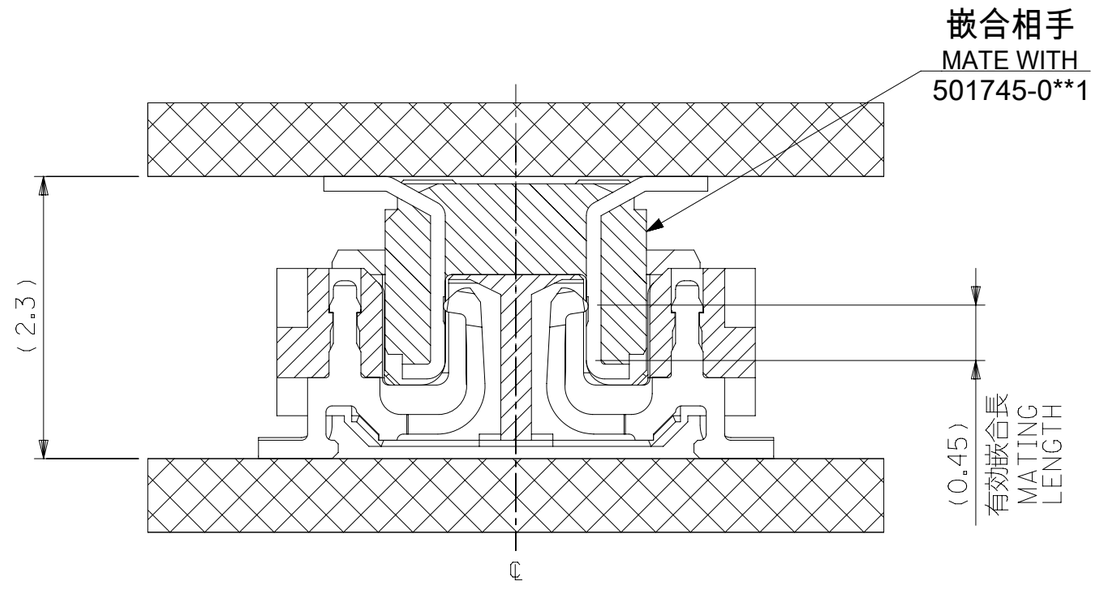
MATE : 500913 WITH 55909



嵌合断面図（参考）

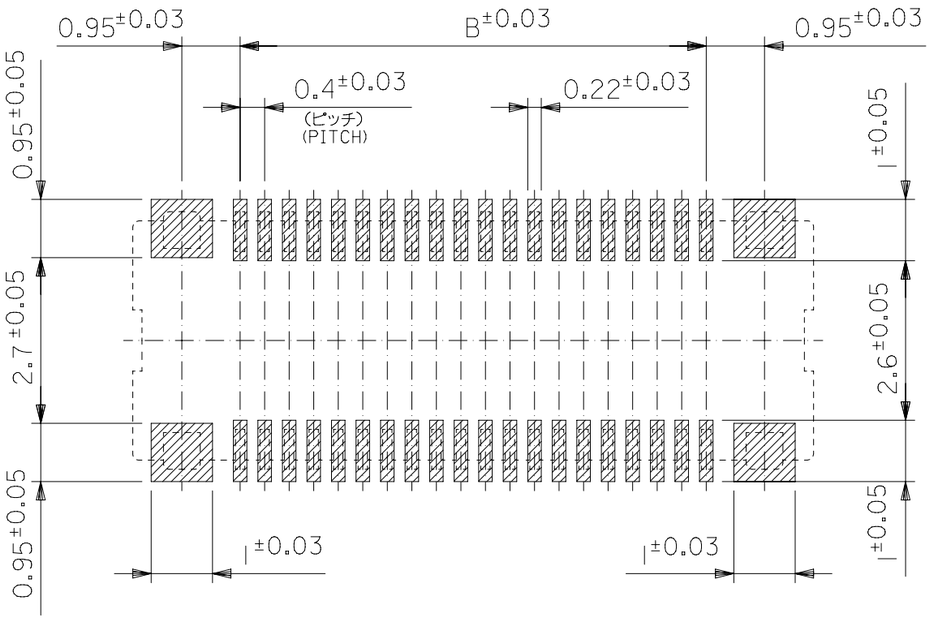
MATED DRAWING (REFERENCE)

MATE : 500913 WITH 501745



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)

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)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

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: RSUMIYA 2004/04/19
APPR: MSASAO 2004/04/22

molex

0.4 B-TO-B CONN. H = 1.8 / 2.3
J-BEND REC.

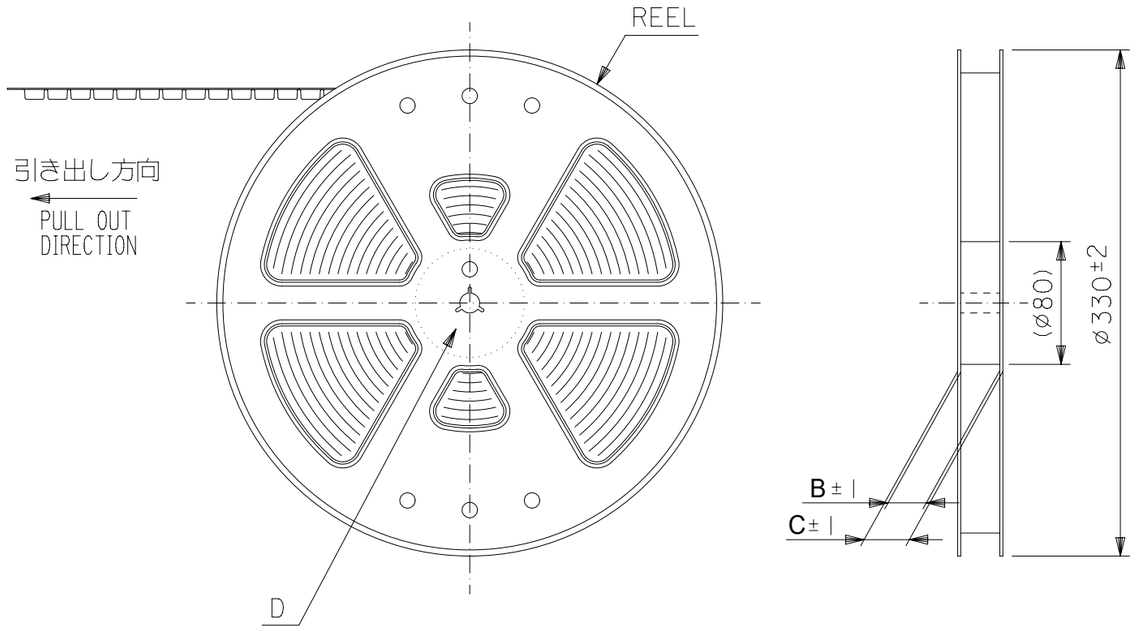
PRODUCT CUSTOMER DRAWING

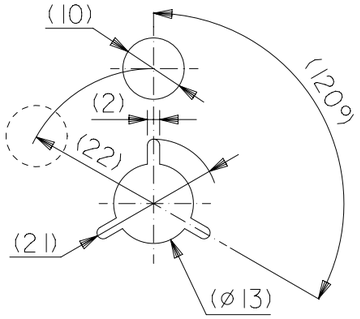
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-500913-001	PSD	001	G

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	500913	SEE CHART1	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/01 01:17:10

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14

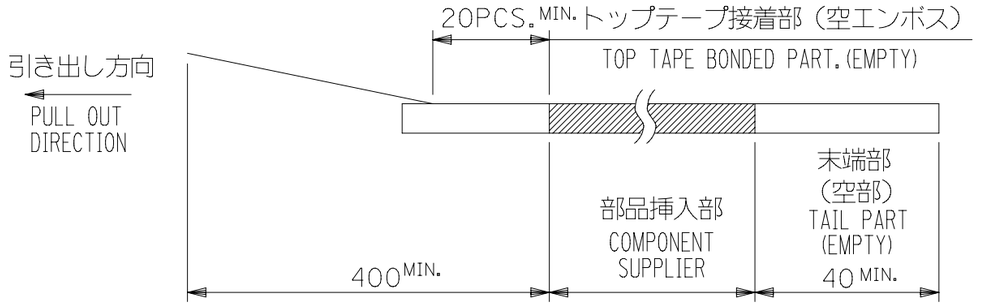




DETAIL D

NOTES

1. 製品詳細寸法については製品単体図面 SD-500913-001 を参照下さい。
   DETAIL DIMENSIONS, SEE PRODUCT DRAWING. NO. SD-500913-001.
2. 梱包数量：１５００個／リール
   NUMBER OF CONNECTORS : 1500PCS/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）: ポリプロピレン（POLYPROPYLENE）
   トップテープ（TOPTAPE）: 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>

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)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

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: RSUMIYA 2004/04/19
APPR: MSASAO 2004/04/22

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 500913

molex

0.4 B-TO-B CONN. H = 1.8 / 2.3
J-BEND REC.

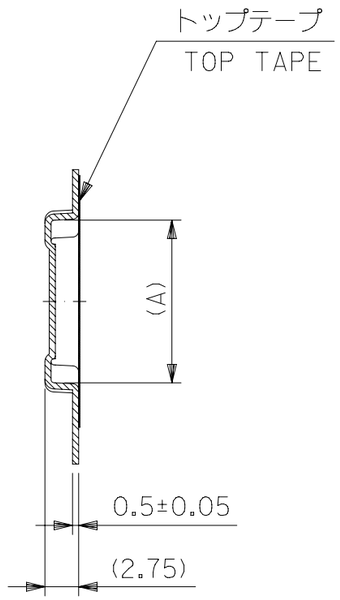
PRODUCT CUSTOMER DRAWING

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SD-500913-002	PSD	001	F

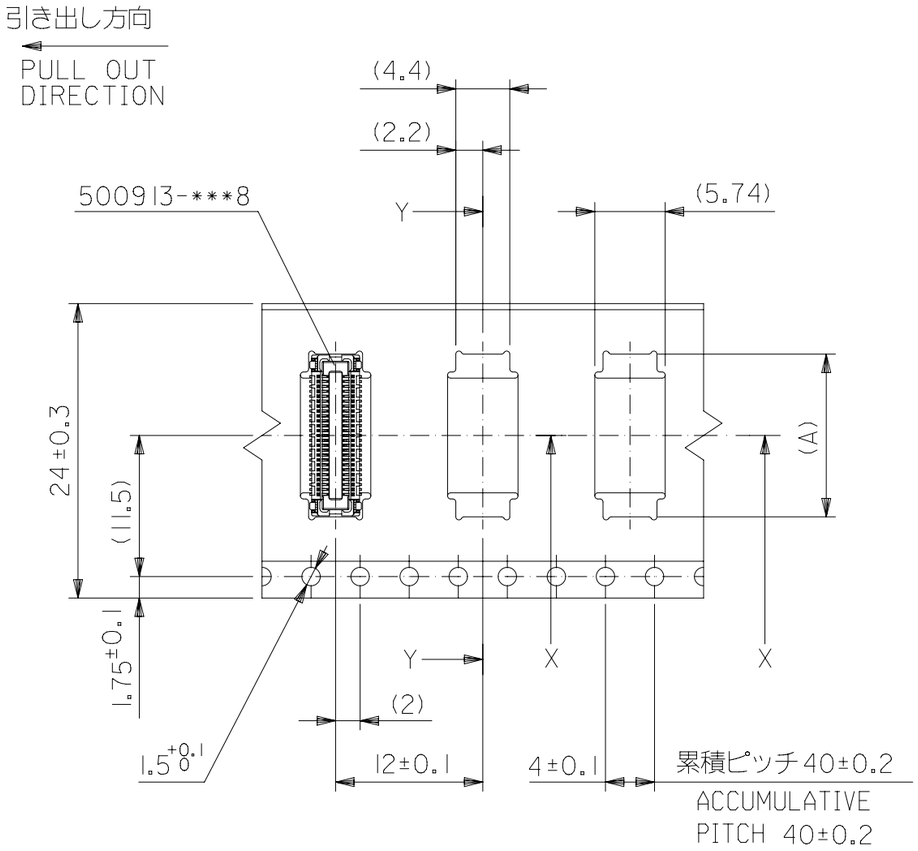
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 4

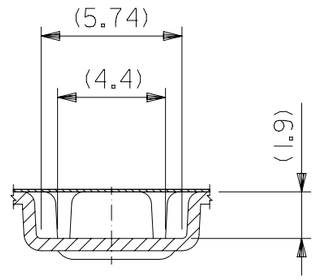
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FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14



SECT Y-Y





SECT X-X

(SCALE 4:1)

24mm幅キャリアテープ

24mm WIDTH CARRIER TAPE

キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	CIRCUIT
24	29.4	25.4	15.26	500913-0602	60
			13.26	500913-0502	50
			11.26	500913-0402	40
			9.26	500913-0302	30
			8.06	500913-0242	24
	500913-***2			MODEL NO.	

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

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: RSUMIYA 2004/04/19
APPR: MSASAO 2004/04/22

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 500913

molex

0.4 B-TO-B CONN. H = 1.8 / 2.3
J-BEND REC.

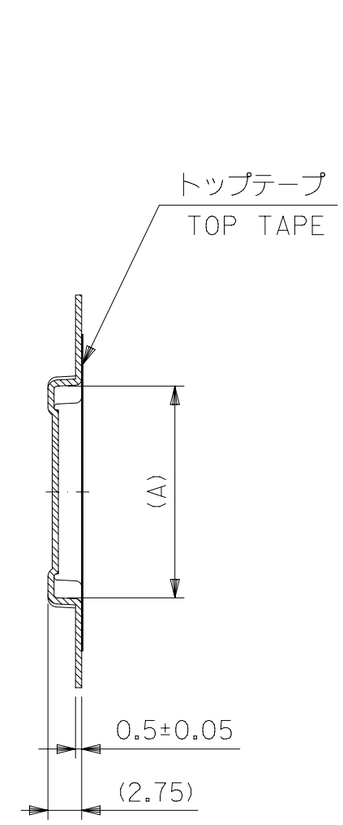
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-500913-002	PSD	001	F

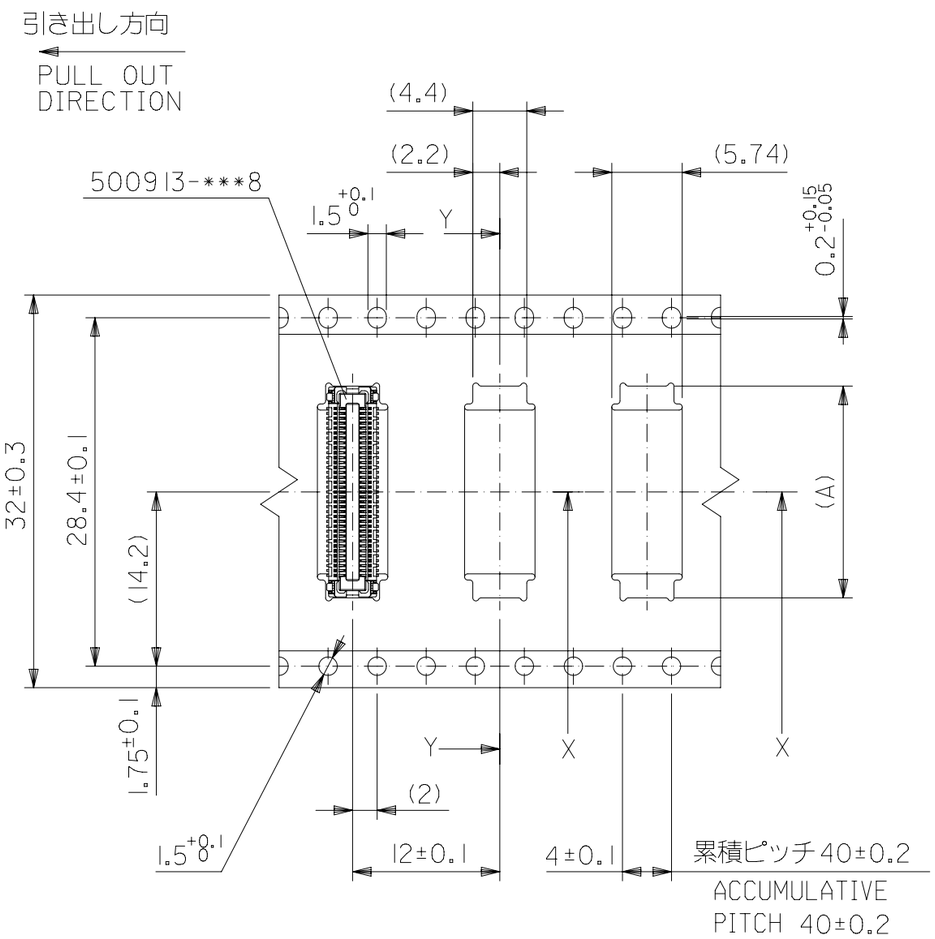
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART1	GENERAL MARKET	2 OF 4

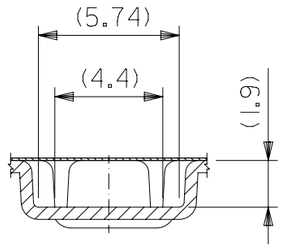
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FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14



SECT Y-Y





SECT X-X
(SCALE 4:1)

32mm幅キャリアテープ

32mm WIDTH CARRIER TAPE

32	41.4	37.4	21.26	500913-0902	90
	37.4	33.4	17.26	500913-0702	70
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	CIRCUIT
	500913-***2			MODEL NO.	

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 ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
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: RSUMIYA 2004/04/19
APPR: MSASAO 2004/04/22

molex

0.4 B-TO-B CONN. H = 1.8 / 2.3
J-BEND REC.

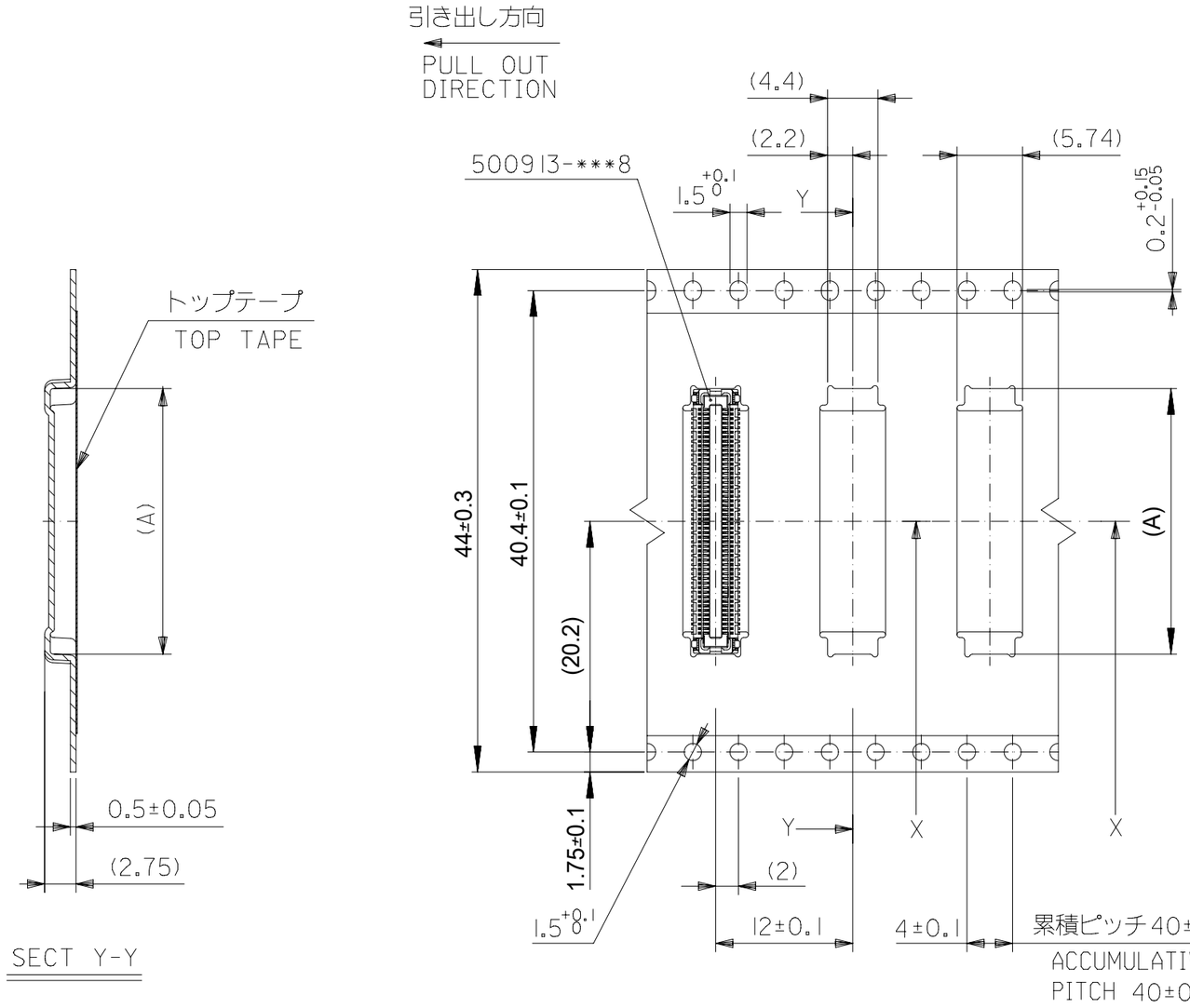
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-500913-002	PSD	001	F

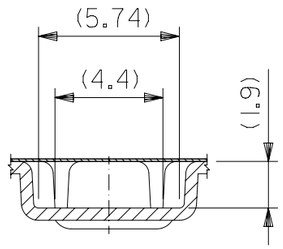
THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 500913
MATERIAL NUMBER: SEE CHART1 | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/01 01:17:11

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14



SECT Y-Y



SECT X-X

(SCALE 4:1)

44 mm幅キャリアテープ

44 mm WIDTH CARRIER TAPE

44	49.4	45.4	23.26	500913-1002	100
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	CIRCUIT
	500913-***2			MODEL NO.	

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

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:
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APPR: MSASAO 2004/04/22

molex

0.4 B-TO-B CONN. H = 1.8 / 2.3
J-BEND REC.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-500913-002	PSD	001	F

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	500913	SEE CHART1	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/01 01:17:11

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14