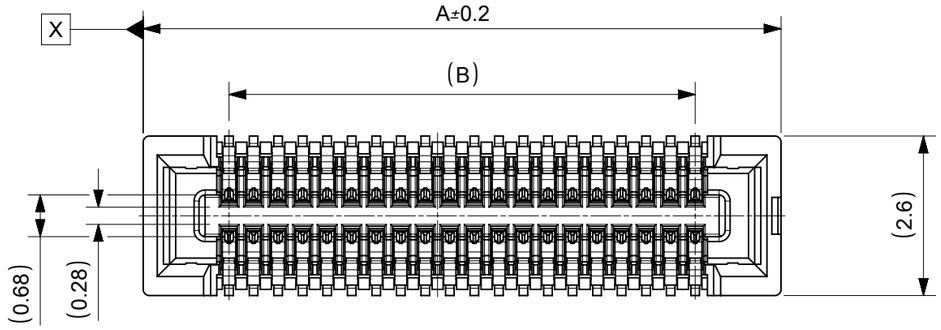
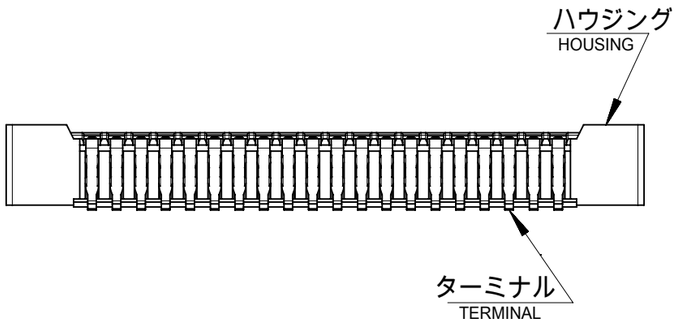
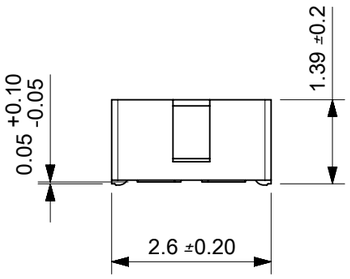
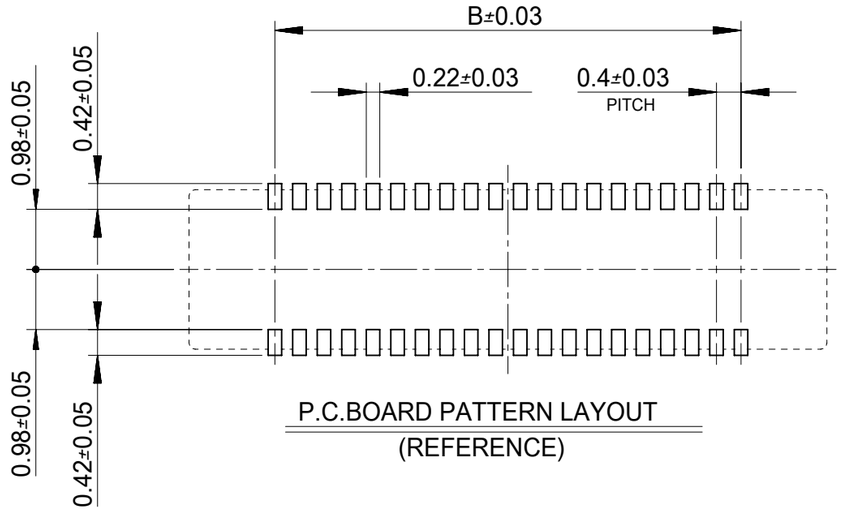
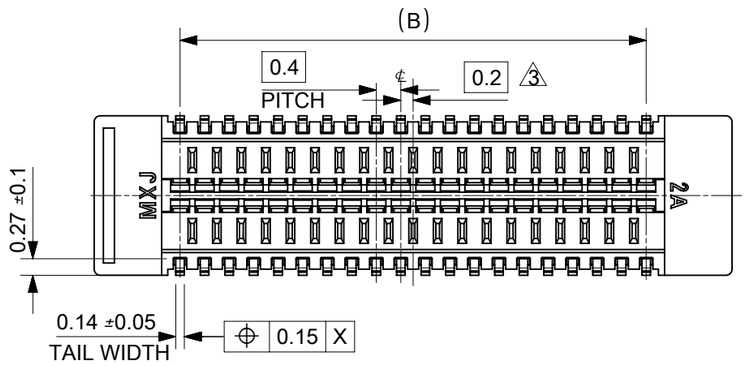








P.C.BOARD PATTERN LAYOUT
(REFERENCE)



注記 NOTES

1. 使用材料 MATERIAL
   ハウジング：液晶ポリマー (LCP) ガラス充填 UL94V-0 (黒)
   HOUSING:LIQUID CRYSTAL POLYMER(GLASS FILLED) UL94V-0 (COLOR:BLACK)
   ターミナル：りん青銅(t=0.1)
   TERMINAL : PHOSPHOR BRONZE (t=0.1)
2. メッキ仕様 PLATING
   ターミナルTERMINAL
   金メッキ 0.1 マイクロメートル以上 (コンタクト部)
   GOLD 0.1MICROMETER MINIMUM (CONTACT AREA)
   金メッキ0.05 マイクロメートル以上 (テール部)
   GOLD 0.05MICROMETER MINIMUM (TAIL AREA)
   下地メッキ：ニッケルメッキ0 マイクロメートル以上
   UNDER PLATING : NICKEL 1.0MICROMETER 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.
   ※封孔処理品
   SEALING TREATMENT

△3 (全極数 / 2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN.

4. 嵌合相手： 503108 シリーズ
   MATE WITH : 503108 SERIES.
5. テール平坦度は、 0.1 以下
   TAIL COPLANARITY TO BE 0.1MAXIMUM.
6. ELV 及び RoHS適合品
   ELV AND RoHS COMPLIANT.

9.6	12.4	503105-5010	50
5.6	8.4	503105-3010	30
B	A	EMBOSSED TAPE ORDER No.オーダー番号	CKT.
		CONNECTOR SERIES No. : 503105-**19	

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 10:1
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: REMOVED OBSOLETED PART NUMBERS AS PER PCN #516666

EC NO: 851469
DRWN: PRANAA 2026/03/24
CHK'D: GGA 2026/03/26
APPR: GGA 2026/03/26
INITIAL REVISION:
DRWN: RTAKEUCHI 2008/10/21
APPR: MSASAO 2008/10/21

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503105

molex

0.4 B-TO-B CONN. HGT=1.5
W=2.6 W/O NAIL REC ASSY

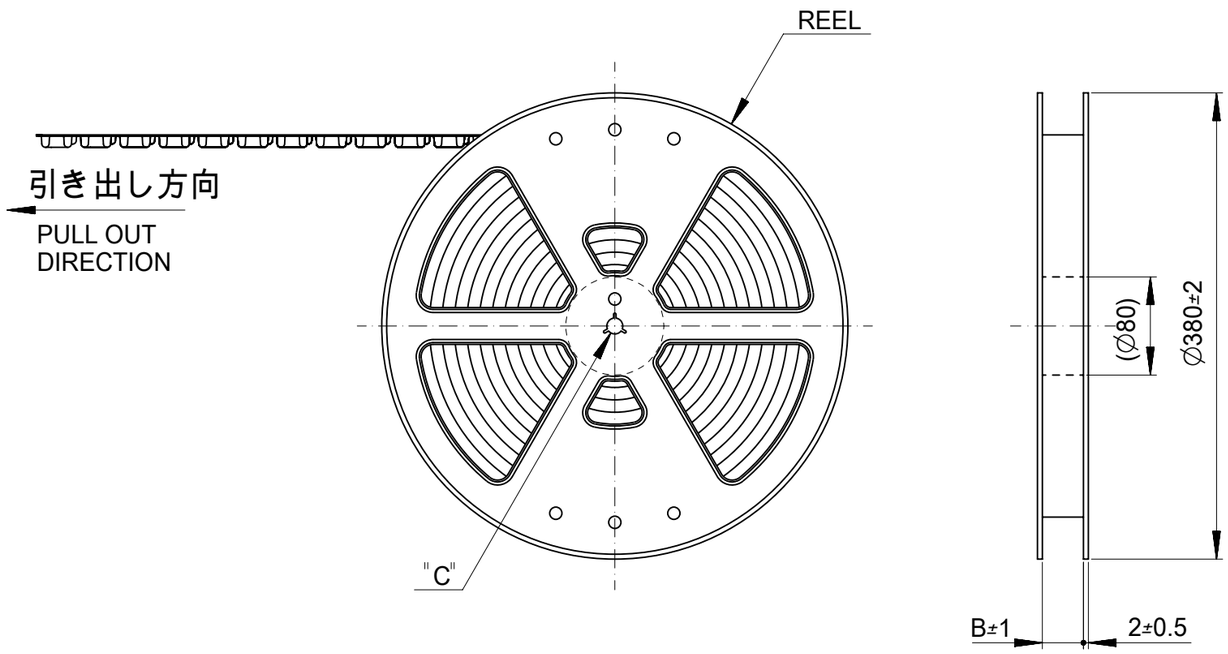
PRODUCT CUSTOMER DRAWING

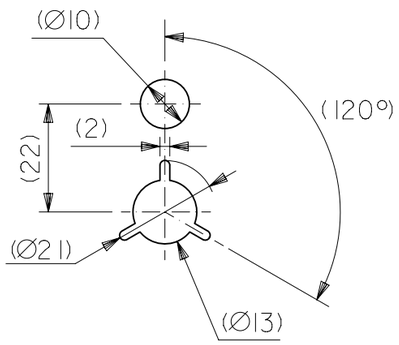
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SD-503105-001	PSD	001	F

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/26 06:07:16

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

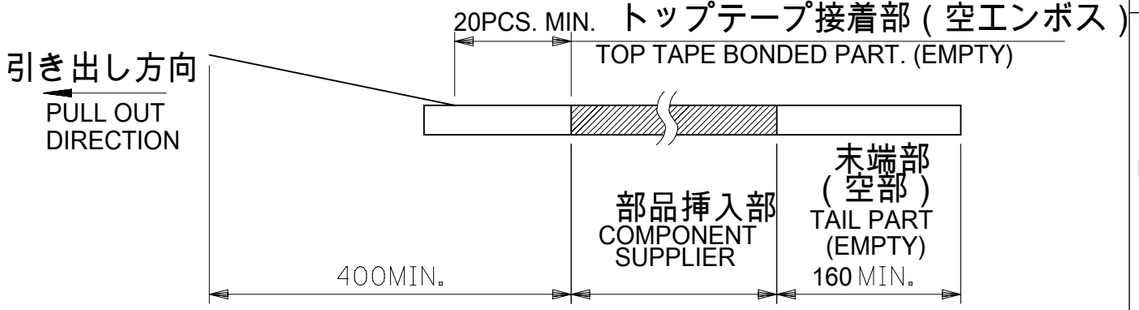




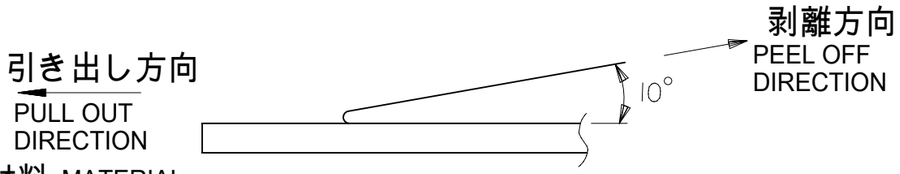
DETAIL "C"

注記 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。
   RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
2. 梱包数量 : 3000 個 / リール
   NUMBER OF CONNECTORS : 3000PCS/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 0.1N~1.3N(10gf~130gf)
   (剥離方向は下図参照)
   尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと)
   PEELING OFF FORCE OF TOP TAPE : 0.1N~1.3N(10gf~130gf)
   (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
   THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
   PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTION.



5. 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>
6. ELV 及び RoHS適合品
   ELV AND RoHS COMPLIANT

MODEL NO.	503105-**10

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: REMOVED OBSOLETED PART NUMBER AS PER PCN #516666

EC NO: 851469

DRWN:	PRANAA	2026/03/09
CHK'D:	GGA	2026/03/26
APPR:	GGA	2026/03/26

INITIAL REVISION:

DRWN:	RTAKEUCHI	2008/10/21
APPR:	MSASAO	2008/10/21

molex

0.4 B-TO-B CONN. HGT=1.5
REC ASSY EMBSTP PKG

PRODUCT CUSTOMER DRAWING

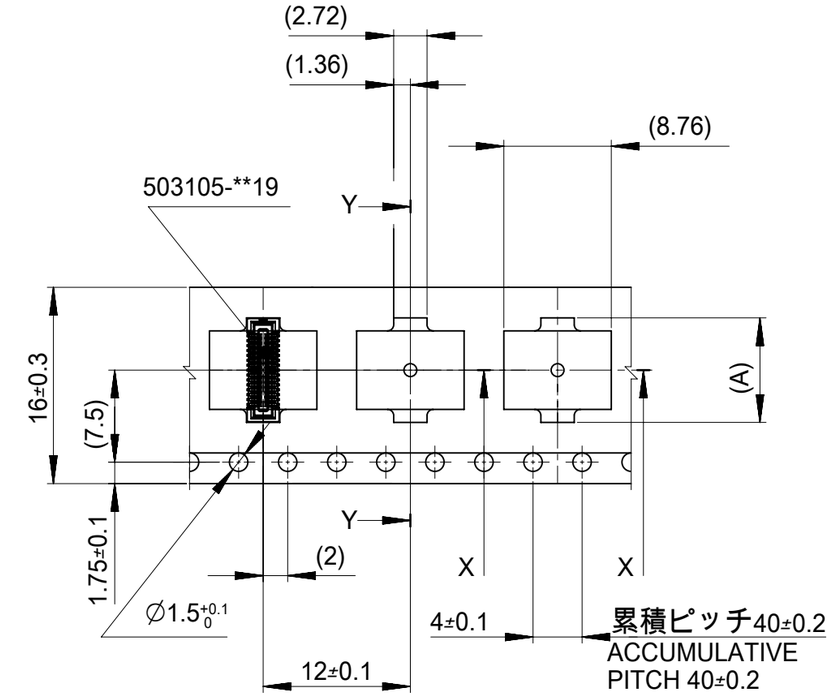
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SD-503105-002	PSD	001	C1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503105	SEE CHART	GENERAL MARKET	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/26 06:07:08

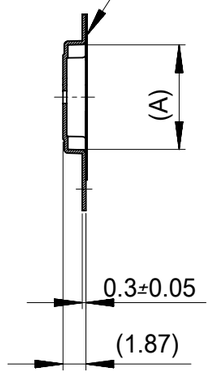
FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

引き出し方向
PULL OUT DIRECTION

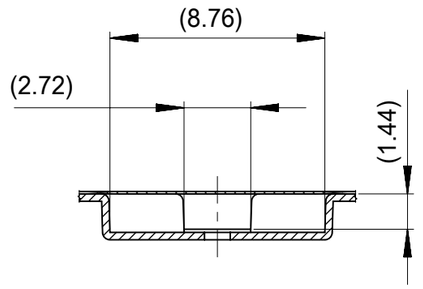


累積ピッチ40±0.2
ACCUMULATIVE
PITCH 40±0.2

トップテープ
TOP TAPE



SECTION Y-Y



SECTION X-X

16mm 幅キャリアテープ

16mm WIDTH CARRIER TAPE

16	17.4	8.52	503105-3010	30
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL No.	CKT.
			MODEL No. 503105-**10	

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: REMOVED OBSOLETED PART NUMBER AS PER PCN #516666

EC NO: 851469
DRWN: PRANAA 2026/03/09
CHK'D: GGA 2026/03/26
APPR: GGA 2026/03/26

INITIAL REVISION:
DRWN: RTAKEUCHI 2008/10/21
APPR: MSASAO 2008/10/21

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503105

molex

0.4 B-TO-B CONN. HGT=1.5
REC ASSY EMBSTP PKG

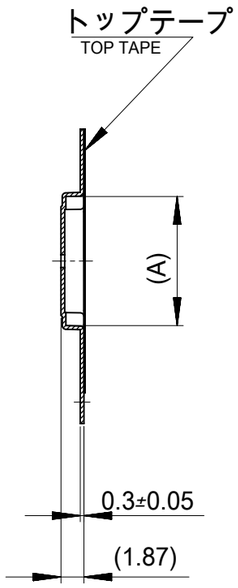
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-503105-002	PSD	001	C1

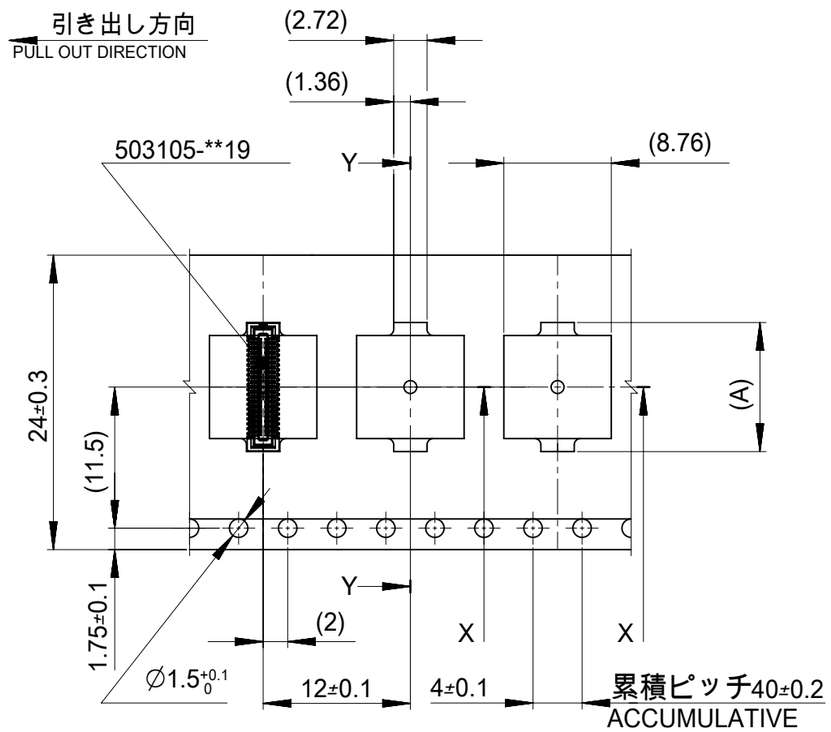
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 3

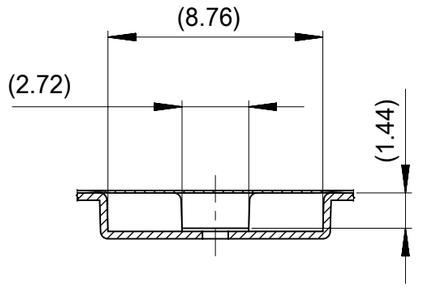
DOCUMENT STATUS	P1	RELEASE DATE	2026/03/26 06:07:08

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



SECTION Y-Y





SECTION X-X

24mm 幅キャリアテープ

24mm WIDTH CARRIER TAPE

24	25.5	12.52	503105-5010	50
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL No.	CKT.
			MODEL No. 503105-**10	

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: REMOVED OBSOLETED PART NUMBER AS PER PCN #516666

EC NO: 851469
DRWN: PRANAA 2026/03/09
CHK'D: GGA 2026/03/26
APPR: GGA 2026/03/26

INITIAL REVISION:
DRWN: RTAKEUCHI 2008/10/21
APPR: MSASAO 2008/10/21

molex

0.4 B-TO-B CONN. HGT=1.5
REC ASSY EMBSTP PKG

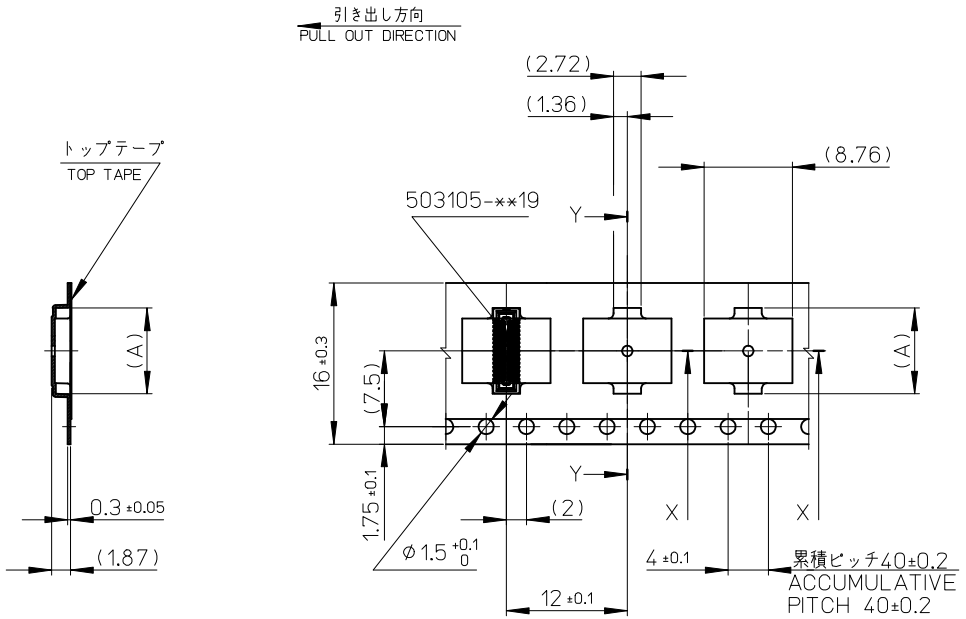
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-503105-002	PSD	001	C1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503105	SEE CHART	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/26 06:07:08

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



16mm 幅キャリアテープ

16mm WIDTH CARRIER TAPE

16	17.4	8.52	503105-3010	30
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL No.	CKT.
			MODEL No.	503105-**10

SEE SHEET 1 OF 3
EC NO: J2013-1009 2013/03/13
DRWN:KTOYODA 2013/03/13
CH'KD:TASAKAWA 2013/03/13
APPR:MSASAO 2013/03/13
DESCRIPTION
REV C

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

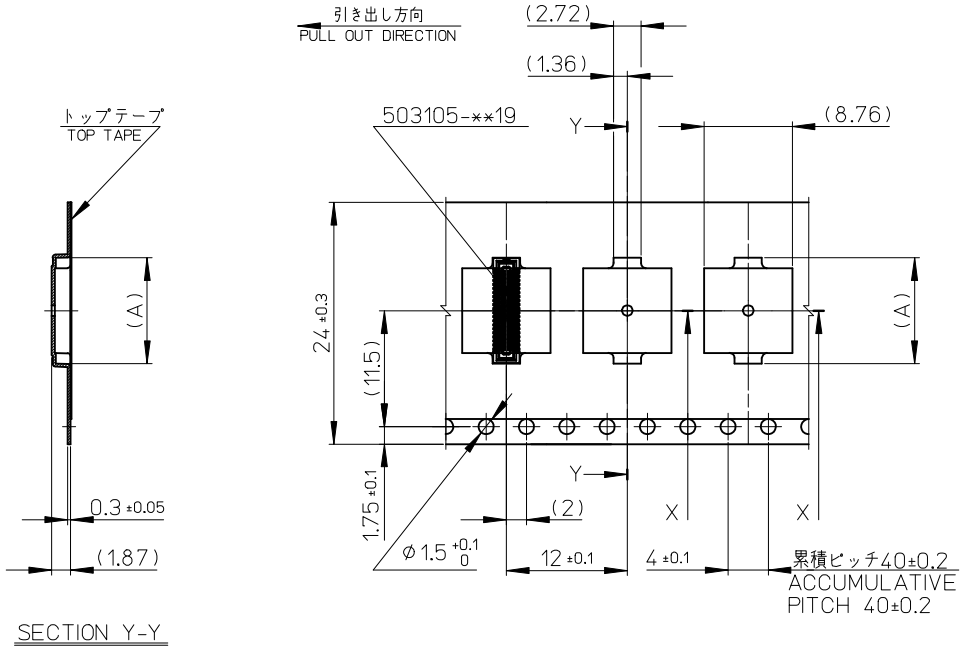
DRAWN BY	RTAKEUCHI	DATE 2008/08/20
CHECKED BY	THIRATA	DATE 2008/08/20
APPROVED BY	MSASAO	DATE 2008/08/20

TITLE: 0.4 B-TO-B CONN. HGT=1.5 REC ASSY EMBSTP PKG

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-503105-002
SHEET NO.: 2 OF 3
SIZE: A3

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24mm 幅キャリアテープ

24mm WIDTH CARRIER TAPE

24	25.5	12.52	503105-5010	50
		11.32	503105-4410	44
		10.52	503105-4010	40
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL No.	CKT.
			MODEL No.	503105-**10

SEE SHEET 1 OF 3
EC NO: J2013-1009 2013/03/13
DRWN:KTOYODA 2013/03/13
CH'KD:TASAKAWA 2013/03/13
APPR:MSASAO 2013/03/13
DESCRIPTION
REV C

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	± ---
10 OVER 30 UNDER	± ---
30 OVER	± ---
ANGULAR ±--- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: RTAKEUCHI DATE: 2008/08/20
CHECKED BY: THIRATA DATE: 2008/08/20
APPROVED BY: MSASAO DATE: 2013/03/13

TITLE: 0.4 B-TO-B CONN. HGT=1.5 REC ASSY EMBSTP PKG

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-503105-002
SHEET NO.: 3 OF 3
SIZE: A3

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