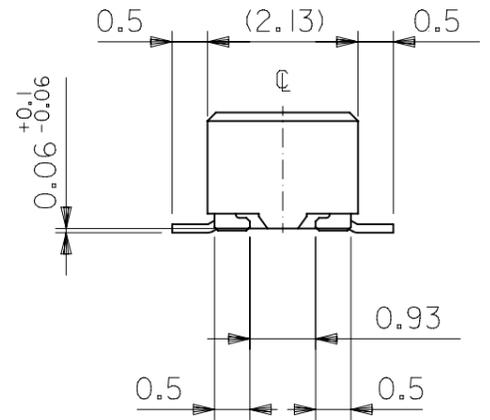
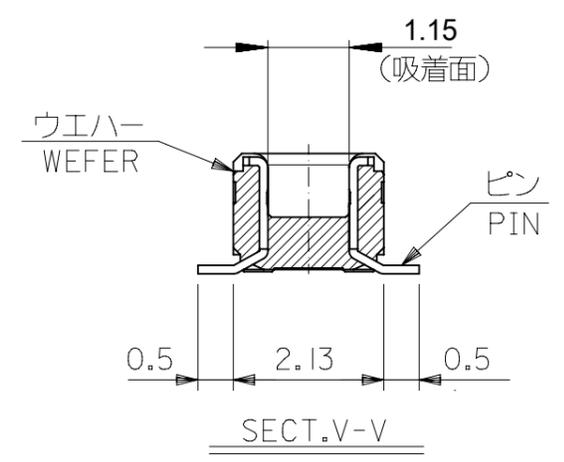


注記 NOTES:

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, 500913シリーズ  
 MATE WITH: 51338 SERIES, 500913 SERIES.
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
2.3	2.0	C	B	A	EMBOSSED PACKAGE	CKT.
MATED HEIGHT					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

SCALE: mm NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR TOL ± 3.0°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE

SERIES: 501745

MATERIAL NUMBER: SEE CHART

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 2

EC NO: 625872  
 DRWN: RPRABHUM 2019/06/10  
 CHK'D: GB 2019/11/06  
 APPR: GGA 2019/11/12

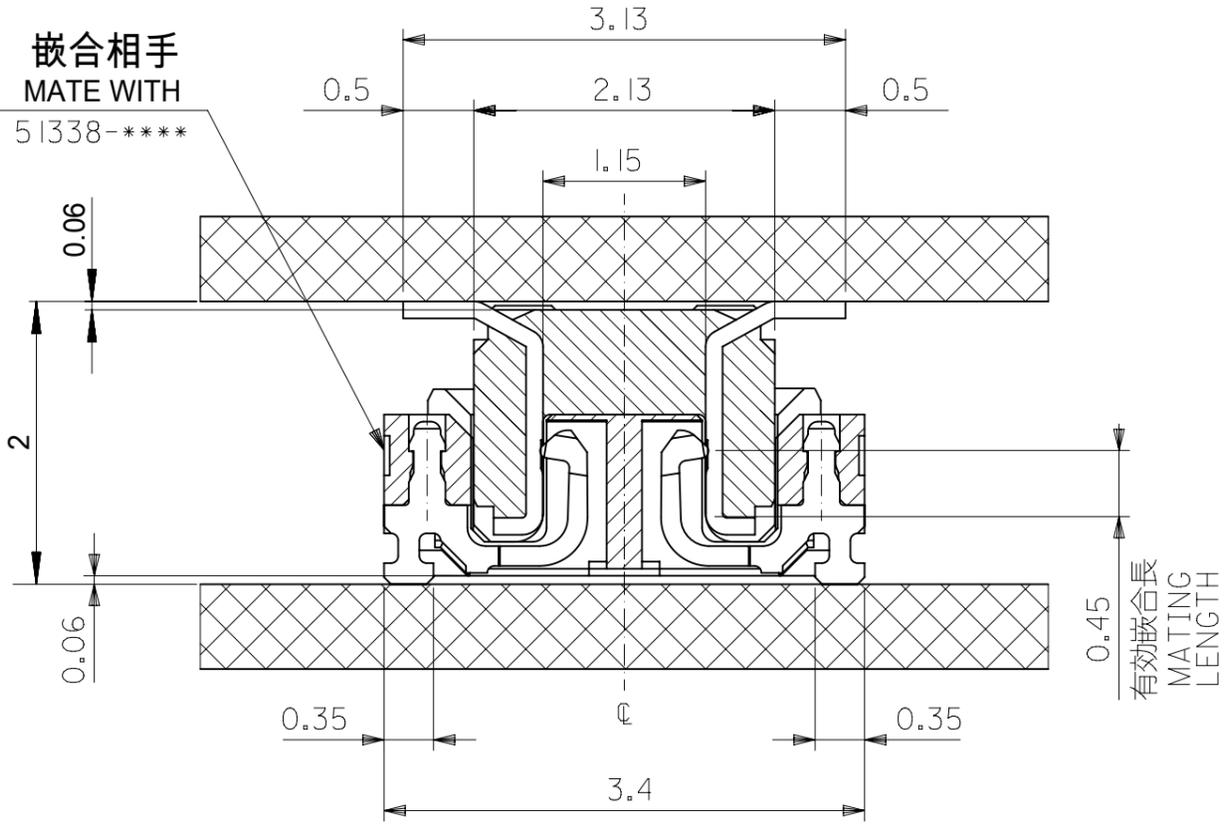
INITIAL REVISION:  
 DRWN: K.SAITO 2007/03/01  
 APPR: N.UKITA 2007/03/01

DOCUMENT NUMBER: SD-501745-001  
 DOC TYPE: PSD  
 DOC PART: 001  
 REVISION: G1

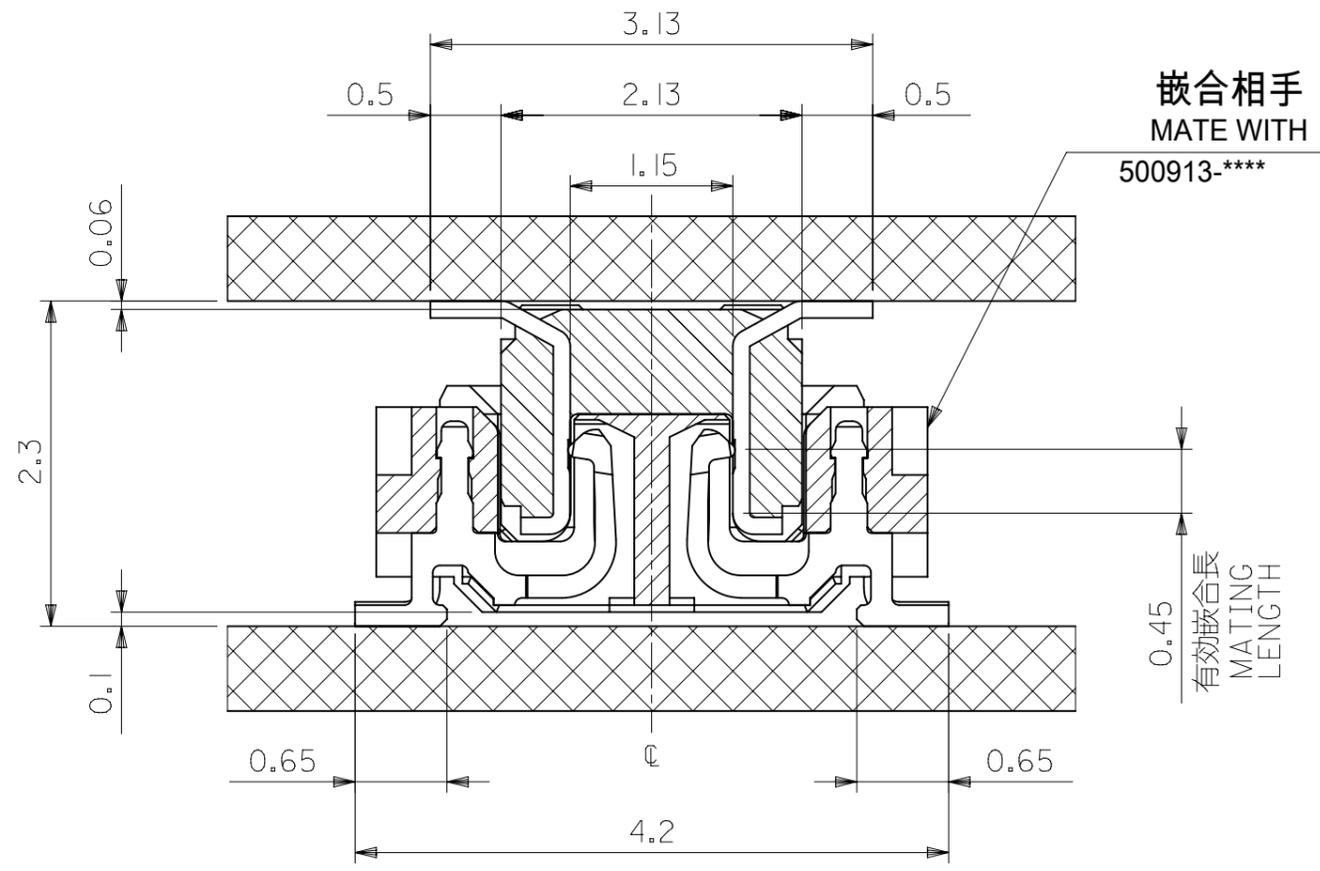
**molex**

0.4 B-TO-B CONN.  
 PLUG ASSY (HGT=2/2.3) WITH NAIL

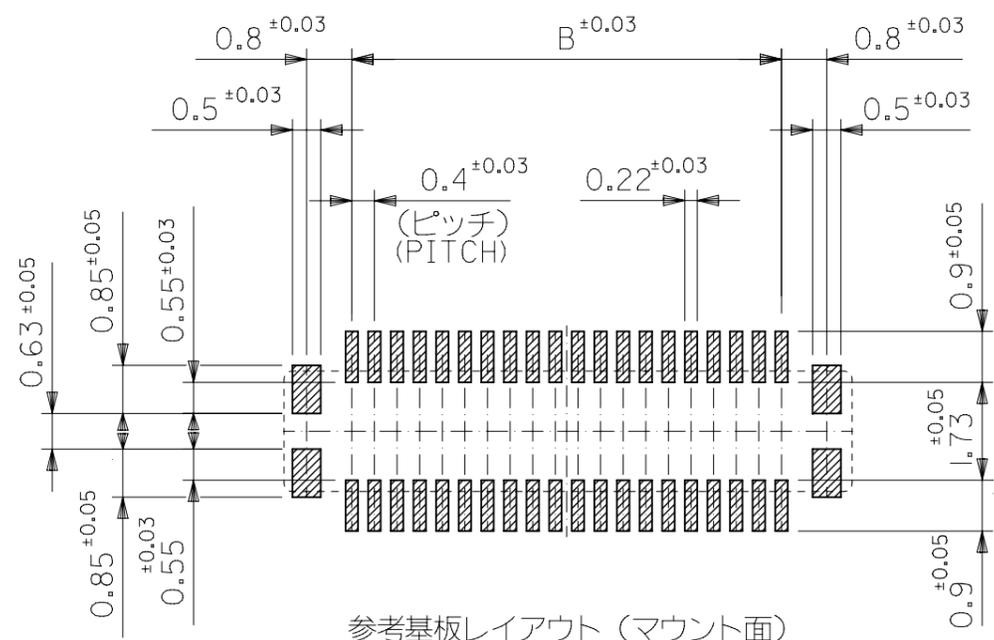
PRODUCT CUSTOMER DRAWING



嵌合断面図 (参考)  
MATED DRAWING (REFERENCE)



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)

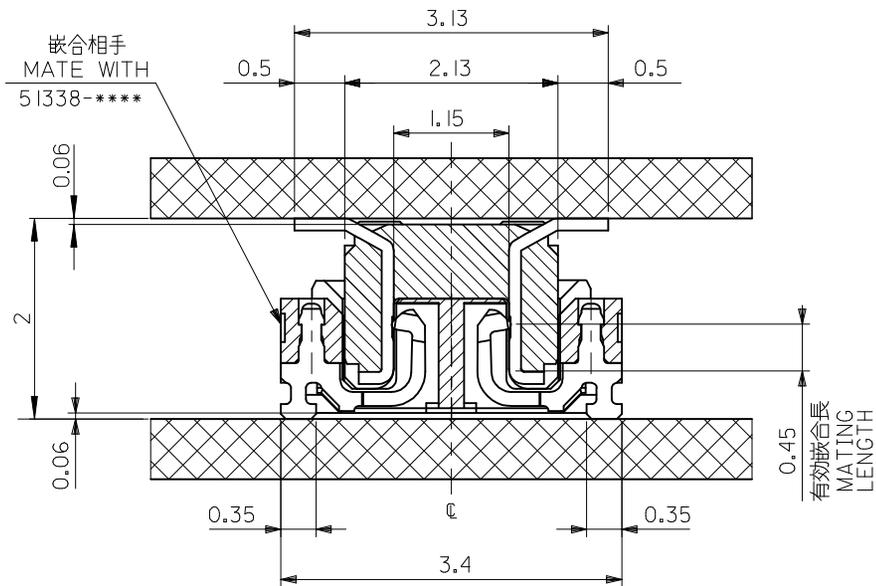
GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 <sup>UNDER</sup>	±0.2
10 <sup>OVER</sup> 30 <sup>UNDER</sup>	±0.25
30 <sup>OVER</sup>	±0.3

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

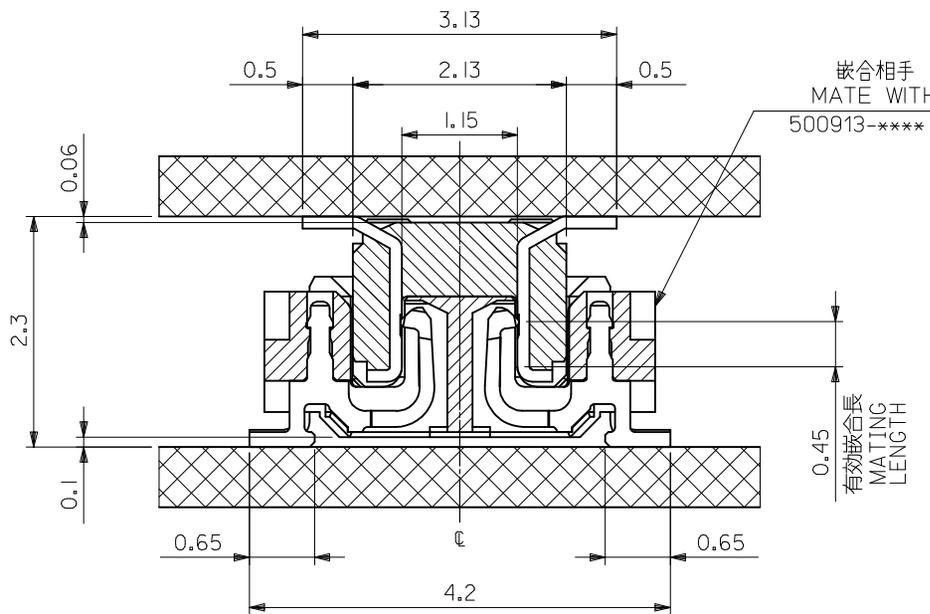
DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NO
mm	NTS	
GENERAL TOLERANCES (UNLESS SPECIFIED)		
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	
1 PLACE	±	
0 PLACES	±	
ANGULAR TOL ± 3.0°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
THIRD ANGLE PROJECTION		
DRAWING	SERIES	MATERIAL NUMBER
A3-SIZE	501745	SEE CHART
EC NO: 625872		DRWN: RPRABHUM 2019/06/10
CHK'D: GB		2019/11/06
APPR: GGA		2019/11/12
INITIAL REVISION:		DRWN: K.SAITO 2007/03/01
		APPR: N.UKITA 2007/03/01
DOCUMENT NUMBER		DOC TYPE DOC PART REVISION
SD-501745-001		PSD 001 G1
CUSTOMER		SHEET NUMBER
GENERAL MARKET		2 OF 2

10 9 8 7 6 5 4 3 2 1

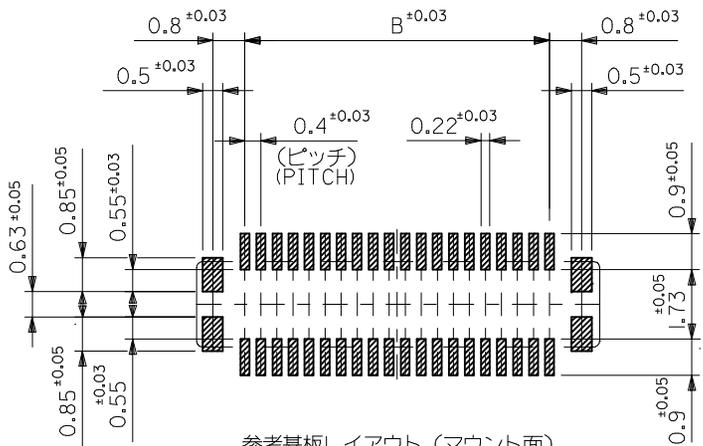
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嵌合断面図 (参考)  
MATED DRAWING (REFERENCE)



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)

REVISED	EC NO: J2015-0594	2014/10/31
	DRWN: YSATO06	2014/11/05
	CHKD: TASAKAWA	2014/11/06
	APPR: KMORIKAWA	
REV	DESCRIPTION	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR ±3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
K. SAITO	2007/03/01
CHECKED BY	DATE
K. KASAHARA	2007/03/01
APPROVED BY	DATE
N. UKITA	2007/03/01
MATERIAL NO.	
SEE CHART 1	
SIZE	
A3	

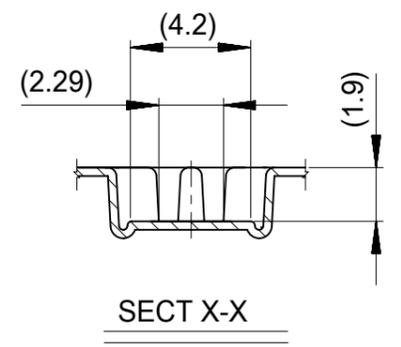
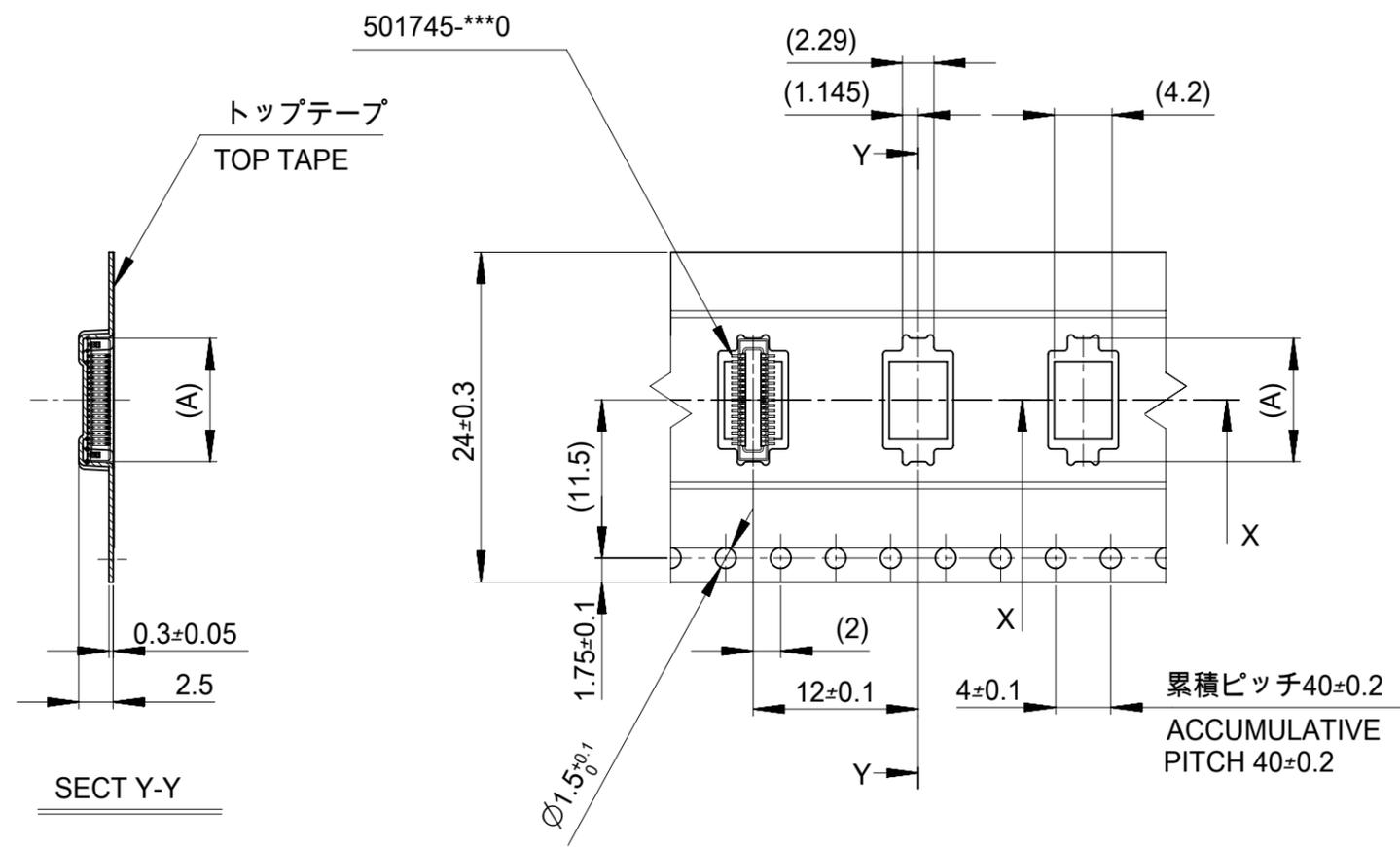
CONNECTOR SERIES No.		501745-***0
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
---	METRIC	
TITLE		
0.4 B-TO-B CONN. PLUG ASSY (HGT=2/2.3) WITH NAIL		
DOCUMENT NO.		
SD-501745-001		
SHEET NO.		
2 OF 2		



9 8 7 6 5 4 3 2



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

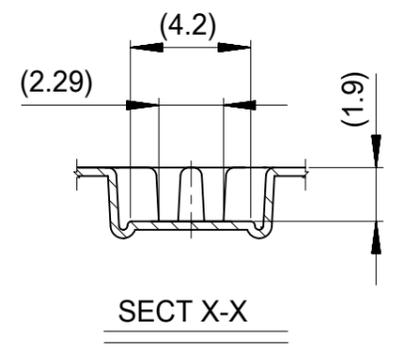
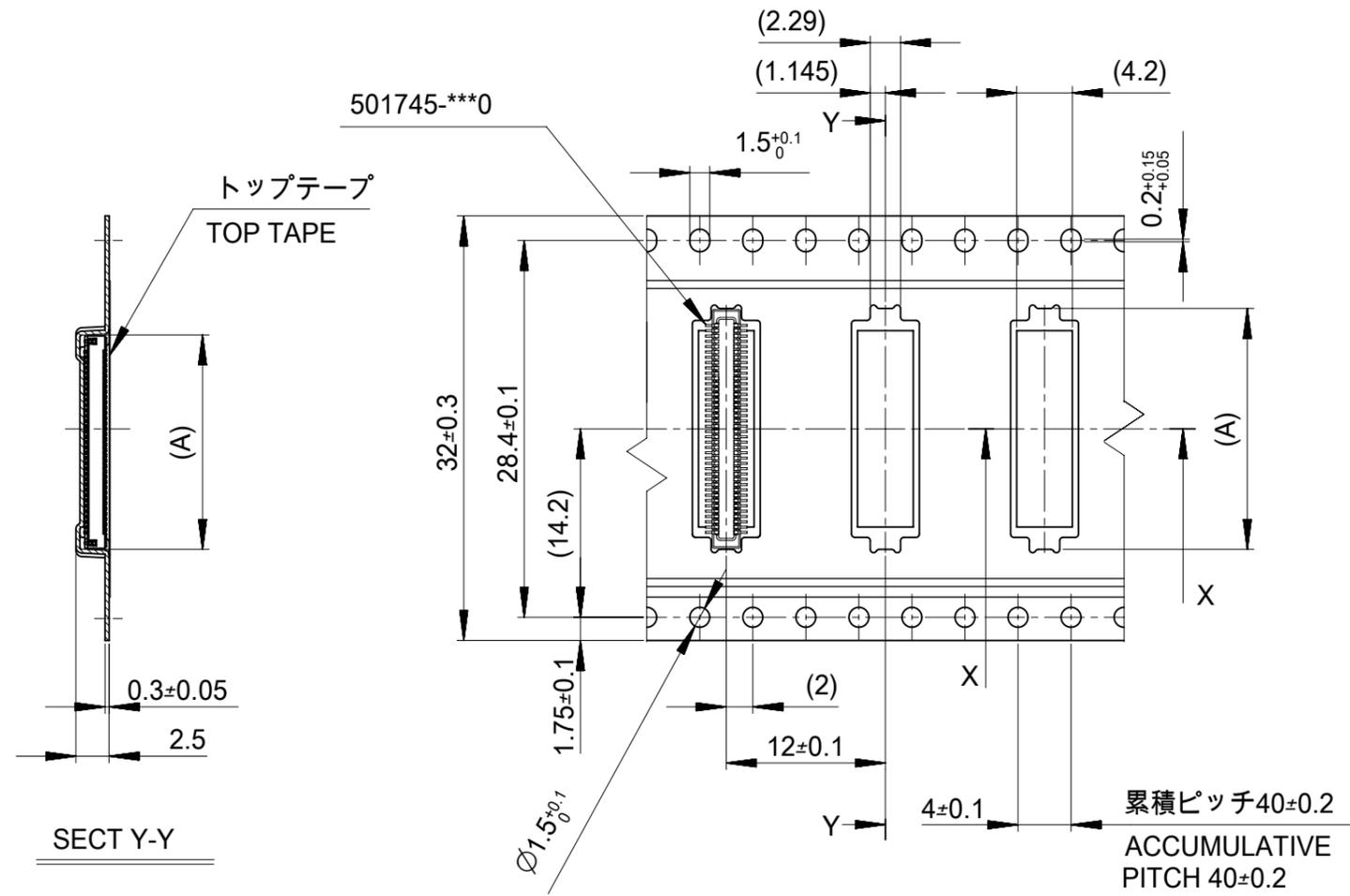
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NO	<b>molex</b>		
mm	NTS				
GENERAL TOLERANCES (UNLESS SPECIFIED)			0.4 B/B CONN. PLUG ASSY (HGT=2/2.3) EMBSTP PKG		
4 PLACES ±			PRODUCT CUSTOMER DRAWING		
3 PLACES ±			DOCUMENT NUMBER		
2 PLACES ±			SD-501745-002		
1 PLACE ±			DOC TYPE		
0 PLACES ±			PSD		
ANGULAR TOL ± 3.0°			DOC PART		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			001		
THIRD ANGLE PROJECTION			REVISION		
DRAWING			E1		
SERIES			SHEET NUMBER		
A3-SIZE			2 OF 4		
501745			MATERIAL NUMBER		
SEE CHART			CUSTOMER		
GENERAL MARKET					

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 <sup>UNDER</sup>	±0.2
10 <sup>OVER</sup> 30 <sup>UNDER</sup>	±0.25
30 <sup>OVER</sup>	±0.3

引き出し方向  
PULL OUT  
DIRECTION



SECT Y-Y

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	

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

DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NO			
mm	NTS	<p><b>molex</b></p> <p>0.4 B/B CONN. PLUG ASSY (HGT=2/2.3) EMBSTP PKG</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-501745-002   DOC TYPE: PSD   DOC PART: 001   REVISION: E1</p> <p>MATERIAL NUMBER: SEE CHART   CUSTOMER: GENERAL MARKET   SHEET NUMBER: 3 OF 4</p>			
GENERAL TOLERANCES (UNLESS SPECIFIED)					
4 PLACES	±				
3 PLACES	±				
2 PLACES	±				
1 PLACE	±	EC NO: 625872	2019/06/10		
0 PLACES	±	DRWN: RPRABHUM	2019/11/06		
ANGULAR TOL ± 3.0°		CHK'D: GB	2019/11/12		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: GGA			
THIRD ANGLE PROJECTION		INITIAL REVISION:			
DRAWING		DRWN: K.SAITO	2007/03/01		
SERIES		APPR: N.UKITA	2007/03/01		

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 <sup>UNDER</sup>	±0.2
10 <sup>OVER</sup> 30 <sup>UNDER</sup>	±0.25
30 <sup>OVER</sup>	±0.3

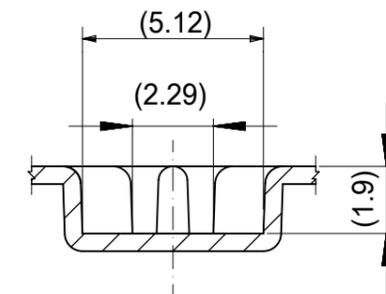
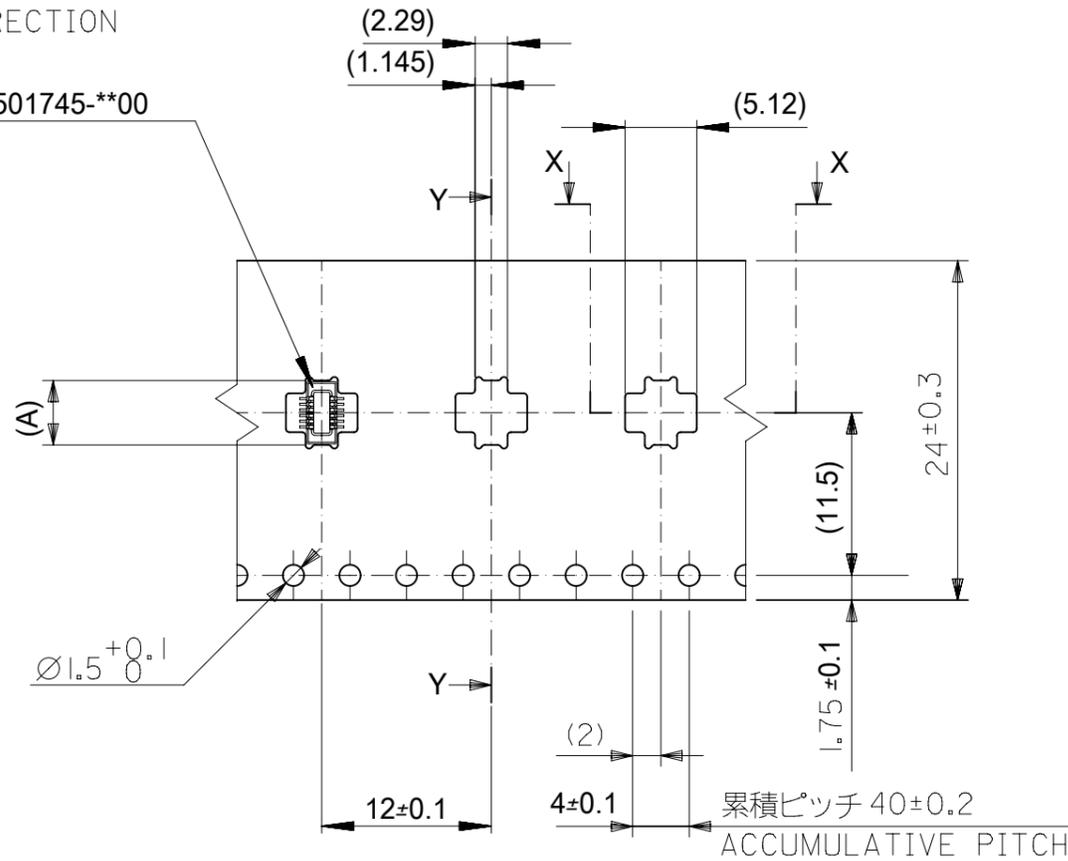
引き出し方向  
PULL OUT DIRECTION

501745-\*\*00

トップテープ  
TOP TAPE

0.5±0.05  
(2.4)

SECT. Y-Y



SECT. X-X

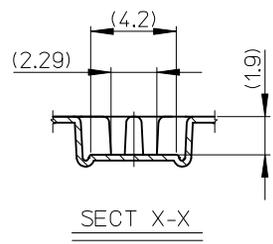
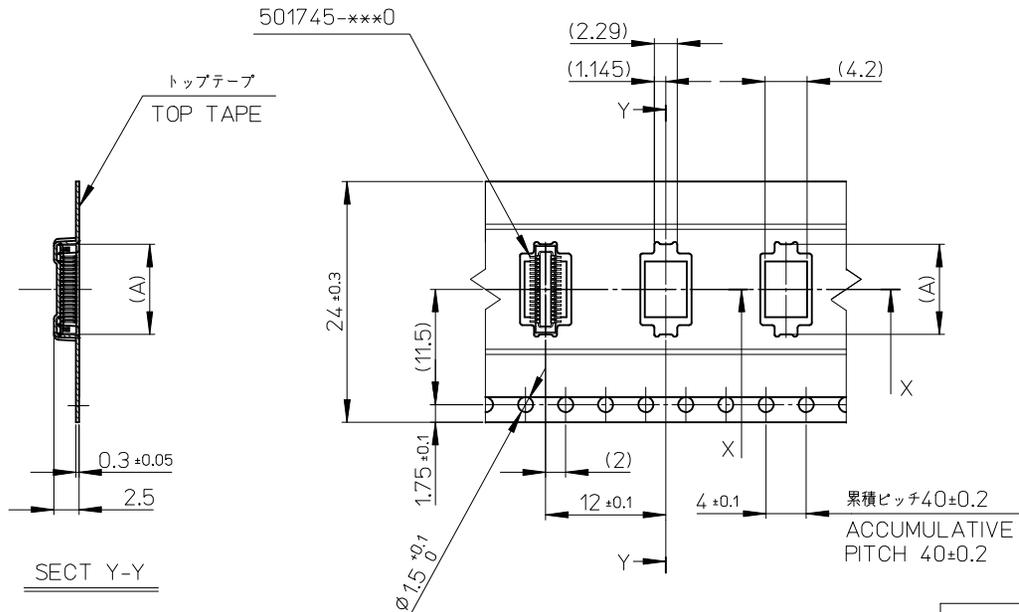
注記)製品がポケット内に問題なく収まること。  
NOTE. Pocket should contain product smoothly.

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		CURRENT REV DESC: OBSOLETE PART NO	
mm	NTS	<p><b>molex</b></p> <p>0.4 B/B CONN. PLUG ASSY (HGT=2/2.3) EMBSTP PKG</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-501745-002    DOC TYPE: PSD    DOC PART: 001    REVISION: E1</p> <p>SHEET NUMBER: 4 OF 4</p>			
GENERAL TOLERANCES (UNLESS SPECIFIED)					
4 PLACES	±				
3 PLACES	±				
2 PLACES	±				
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 625872		DRWN: RPRABHUM    2019/06/10	
10 <sup>UNDER</sup>		±0.2		CHK'D: GB    2019/11/06	
10 <sup>OVER</sup> 30 <sup>UNDER</sup>		±0.25		APPR: GGA    2019/11/12	
30 <sup>OVER</sup>		±0.3		INITIAL REVISION:	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRWN: K.SAITO    2007/03/01	
		DRAWING: A3-SIZE		APPR: N.UKITA    2007/03/01	
		SERIES: 501745		MATERIAL NUMBER: SEE CHART	
		CUSTOMER: GENERAL MARKET			

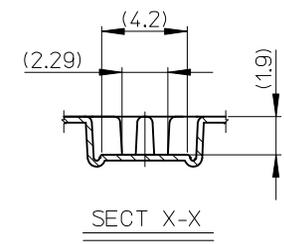
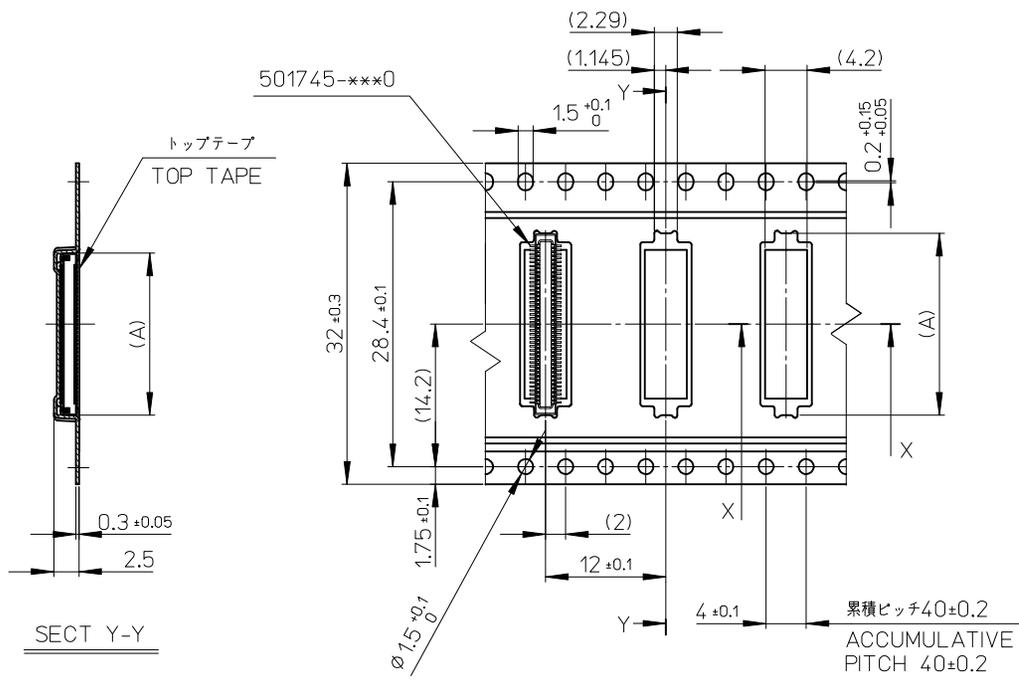
引き出し方向  
PULL OUT  
DIRECTION



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
			8.96	501745-0341	34
			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.

REVISED EC NO: J2014-1234 DRWN: YSAI006 CHKD: TASAKAWA APPR: KMORIKAWA 2014/02/05 2014/05/09 2014/05/12	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		CONNECTOR SERIES No. 501745-***0		
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE						
		10 OVER 30 UNDER	± 0.25	K. SAITO	2007/03/01	0.4 B/B CONN. PLUG ASSY (HGT=2/2.3) EMBSTP PKG						
		30 OVER	± 0.3	K. KASAHARA	2007/03/01	<b>molex</b> DOCUMENT NO. SD-501745-002 SHEET NO. 2 OF 4						
ANGULAR ± 3 °		APPROVED BY	DATE	MATERIAL NO.								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		N. UKITA 2007/03/01		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

引き出し方向  
PULL OUT  
DIRECTION

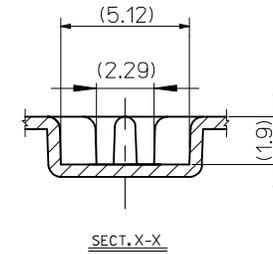
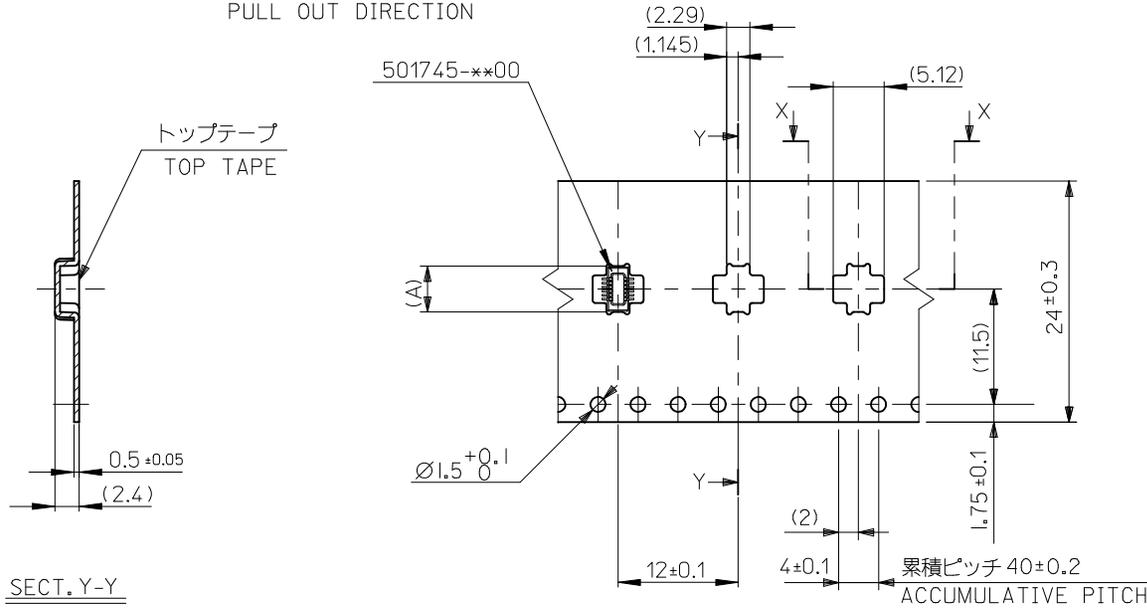


32	37.4	33.4	18.16	501745-0801	80
			16.16	501745-0701	70
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	オーダー番号 ORDER NO.	極数 CKT.

CONNECTOR SERIES No. | 501745-\*\*\*0

REVISED EC NO: J2014-1234 DRWN: YSAI006 2014/02/05 CHKD: TASAKAWA 2014/05/09 APPR: KMORIKAWA 2014/05/12	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
	10 UNDER	± 0.2	DRAWN BY K. SAITO	DATE 2007/03/01	TITLE 0.4 B/B CONN. PLUG ASSY (HGT=2/2.3) EMBSTP PKG				
	10 OVER 30 UNDER	± 0.25	CHECKED BY K. KASAHARA	DATE 2007/03/01	<b>molex</b> DOCUMENT NO. SD-501745-002 SHEET NO. 3 OF 4				
	30 OVER	± 0.3	APPROVED BY N. UKITA	DATE 2007/03/01					
ANGULAR ± 3 °		MATERIAL NO.		SEE CHART					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

引き出し方向  
PULL OUT DIRECTION



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.

SECT. Y-Y

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

REVISED EC NO: J2014-1234 DRWN: YSATO06 CHKD: TASAKAWA APPR: KMORIKAWA 2014/02/05 2014/05/09 2014/05/12	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
	10 UNDER	± 0.2	DRAWN BY KTOYODA	DATE 2011/03/22	TITLE 0.4 B/B CONN. PLUG ASSY (HGT=2/2.3) EMBSTP PKG				
	10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE	<b>molex</b> DOCUMENT NO. SD-501745-002 SHEET NO. 4 OF 4				
	30 OVER	± 0.3	APPROVED BY MSASAO	DATE 2011/03/28					
ANGULAR ± 1 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				