

10 9 8 7 6 5 4 3 2 1

注記 NOTES:

1. 使用材料 MATERIAL

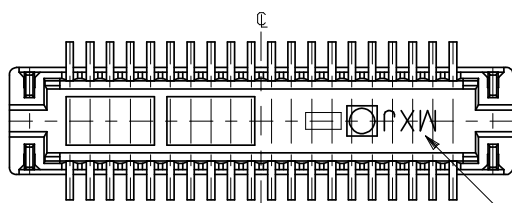
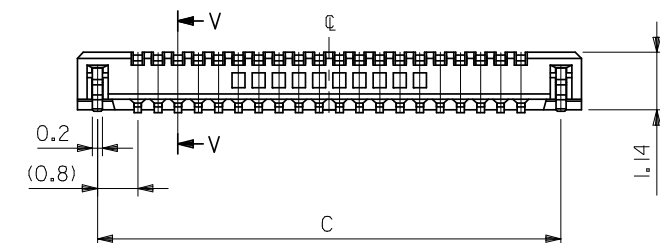
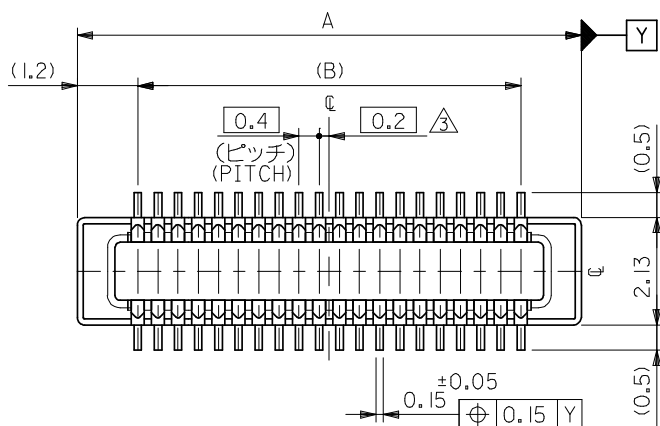
ウエハー: 液晶ポリマー (LCP) ガラス充填 UL94V-0 (黒)
WAFER: LIQUID CRYSTAL POLYMER (GLASS FILLED)
UL94V-0 (COLOR: BLACK)
ピン: 黄銅 ($t=0.12$)
PIN: BRASS ($t=0.12$)
金具: リン青銅 ($t=0.2$)
FITTING NAIL: PHOSPHOR BRONZE ($t=0.2$)

2. メッキ仕様 PLATING

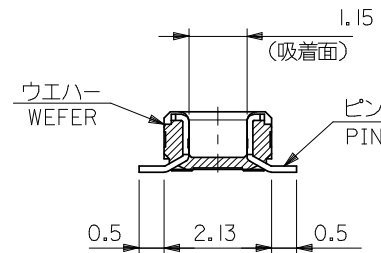
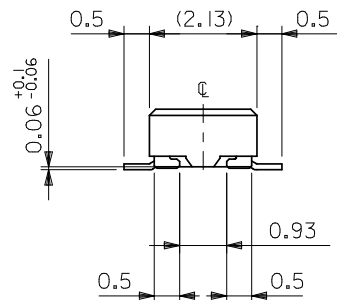
ピン PIN
金メッキ 0.2 マイクロメートル以上 (コンタクト部)
GOLD 0.2MICROMETER MINIMUM (CONTACT AREA)
金メッキ 0.4 マイクロメートル以下 (テール部)
GOLD 0.4MICROMETER MAXIMUM (TAIL AREA)
下地メッキ: ニッケルメッキ 1.5 マイクロメートル以上
UNDER PLATING: NICKEL 1.5MICROMETER MINIMUM
金具 FITTING NAIL
錫メッキ 1.0 マイクロメートル以上
TIN PLATING 1.0MICROMETER MINIMUM
下地メッキ: ニッケルメッキ 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
MATE WITH: 51338 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 0.08 MAXIMUM
TAIL AND FITTING NAIL
COPLANARITY TO BE 0.1 MAXIMUM
6. 本製品は 55909-***3 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55909-***3



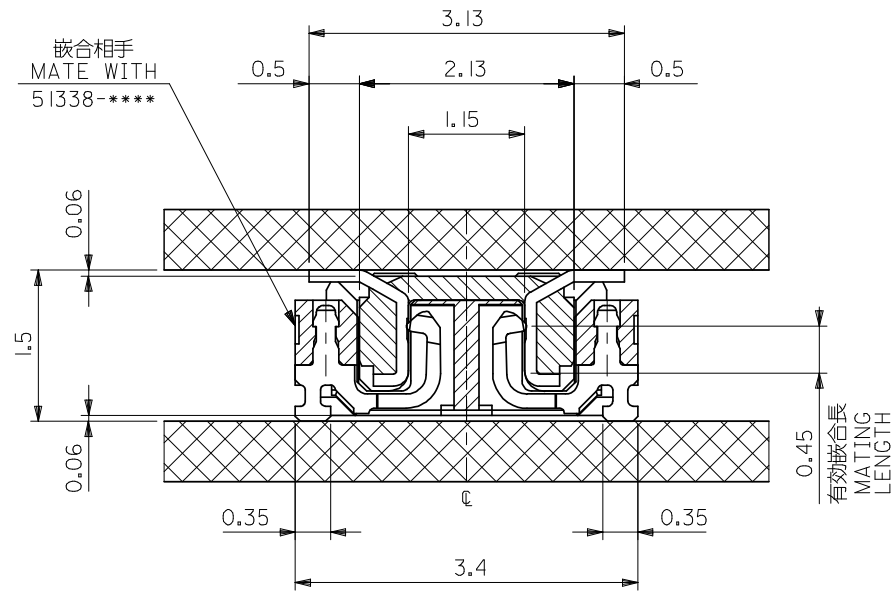
トレードマーク
TRADE MARK



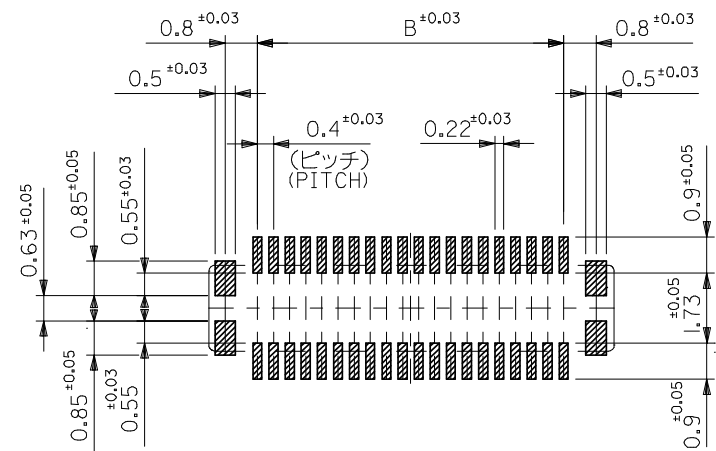
SECT. V-V

25.2	23.6	26.0	55909-1274	55909-1273	120
21.2	19.6	22.0	55909-1074	55909-1073	100
19.2	17.6	20.0	55909-0974	55909-0973	90
17.2	15.6	18.0	55909-0874	55909-0873	80
15.2	13.6	16.0	55909-0774	55909-0773	70
13.2	11.6	14.0	55909-0674	55909-0673	60
11.2	9.6	12.0	55909-0574	55909-0573	50
9.2	7.6	10.0	55909-0474	55909-0473	40
8.0	6.4	8.8	55909-3474	55909-3473	34
7.2	5.6	8.0	55909-0374	55909-0373	30
6.4	4.8	7.2	55909-2674	55909-2673	26
6.0	4.4	6.8	55909-2474	55909-2473	24
5.6	4.0	6.4	55909-2274	55909-2273	22
5.2	3.6	6.0	55909-0274	55909-0273	20
3.6	2.0	4.4	55909-9974	55909-9973	12
C	B	A	EMBOSSD TAPE PKG. ORDER No. オーダー番号	MATERIAL No.	CKT.

REVISED EC NO: J2009-0301 2008/08/27 DRWN:MABEI 2008/08/28 CHKD:THARUYAMA 2008/08/28 APPR:NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY DATE HSHIMABUKURO 2004/02/20		TITLE 0.4 B-TO-B CONN. PLUG ASSY (HGT=1.5) WITH NAIL -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY DATE K. TOJO 2004/02/20						
		30 OVER	± 0.3	APPROVED BY DATE M. SASAO 2004/02/20		MOLEX MOLEX INCORPORATED				
		ANGULAR ±1/2 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE TABLE		SD-55909-003				
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		1 OF 2				



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. J2009-0301 2008/08/27 DRWN:MABEI 2008/08/28 CHKD:THARUYAMA 2008/08/28 APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			10 UNDER ± 0.2		DRAWN BY DATE HSHI MABUKURO 2004/02/20		TITLE 0.4 B-TO-B CONN. PLUG ASSY (HGT=1.5) WITH NAIL -LEAD FREE-				
			10 OVER 30 UNDER ± 0.25		CHECKED BY DATE K. TOJO 2004/02/20						
			30 OVER ± 0.3		APPROVED BY DATE M. SASAO 2004/02/20		MOLEX MOLEX INCORPORATED				
			ANGULAR ±3 °		MATERIAL NO.						DOCUMENT NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-55909-003		2 OF 2		
REV	T	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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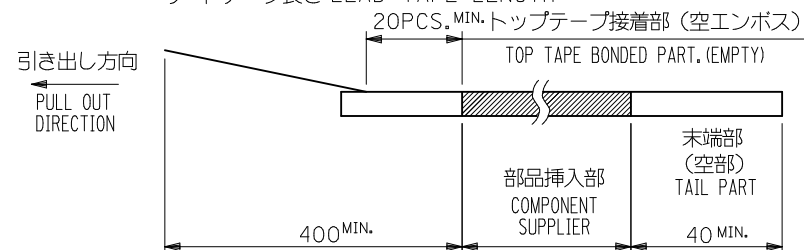
3

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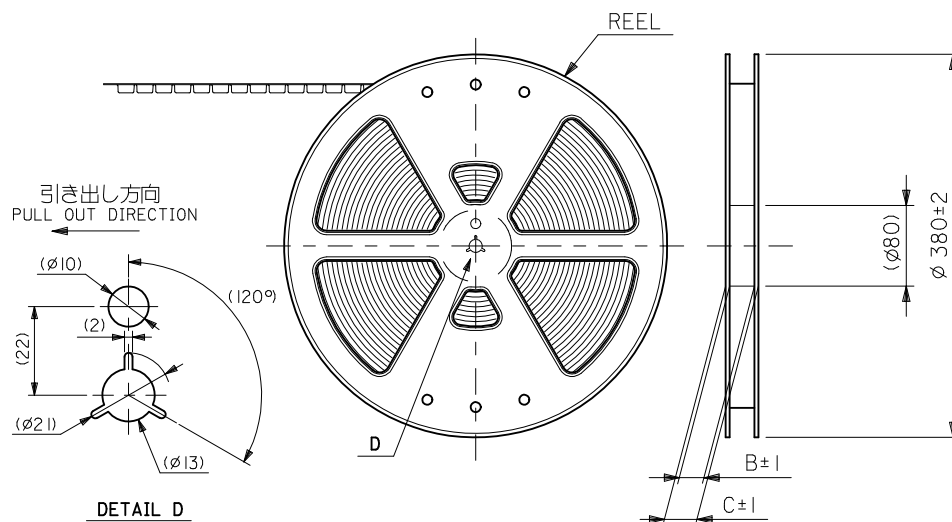
1

NOTES

- 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.
- 梱包数量：2500個/リール
NUMBER OF CONNECTORS : 2500PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 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>
- ELV 及び RoHS 適合品。
ELV AND RoHS COMPLIANT.



DETAIL D

CONNECTOR SERIES No. 55909-**73

DESIGN UNITS
METRICTHIRD ANGLE
PROJECTIONGENERAL TOLERANCES
(UNLESS SPECIFIED)DIMENSION STYLE
MM ONLYSCALE

TITLE

0.4 B-T-O-B CONN PLUG
ASSY(HGT=1.5) EMBSTP PKG

molex

MOLEX INCORPORATED

DOCUMENT NO.

SD-55909-004

SHEET NO.

1 OF 5

SEE CHART

SIZE
A3THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

REVISED
EC NO: J2010-2356
DRWN: TOSHIMA
CHKD: KTOYODA
APPR: MSASAO

DESCRIPTION
REV

10 UNDER ±0.2
10 OVER 30 UNDER ±0.25
30 OVER ±0.3
ANGULAR ±3 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

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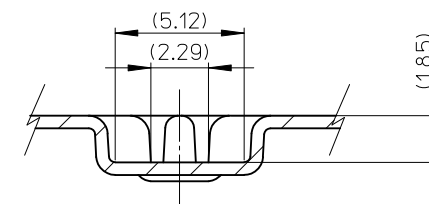
5

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EN-02JA(021)

SECT. Y-Y

24	29.4	25.4	14.16	55909-0674	60
			12.16	55909-0574	50
			10.16	55909-0474	40
			8.96	55909-3474	34
			8.16	55909-0374	30
			7.36	55909-2674	26
			6.96	55909-2474	24
			6.56	55909-2274	22
6.16	55909-0274	20			
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	CKT

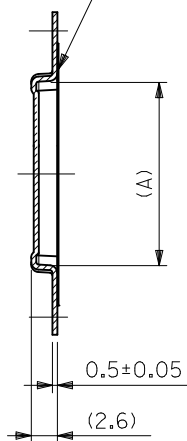
REVISED	EC NO.: J2010-2356	DRAWN: TOSHIMA	2010/06/121	2010/07/120	CHKD: KTOYODA	APPR: MSASAO	2010/07/121	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
									10 UNDER	±0.2	DRAWN BY H. SHIMAB	DATE 2004/02/20	TITLE 0.4 B-TO-B CONN PLUG ASSY(HGT=1.5) EMBSTP PKG			
									10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE 2004/02/20				
									30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/02/20	 MOLEX INCORPORATED			
									ANGULAR ±3 °	MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10 9 8 7 6 5 4 3 2 1

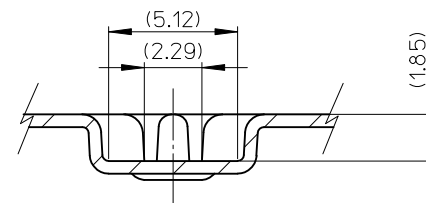
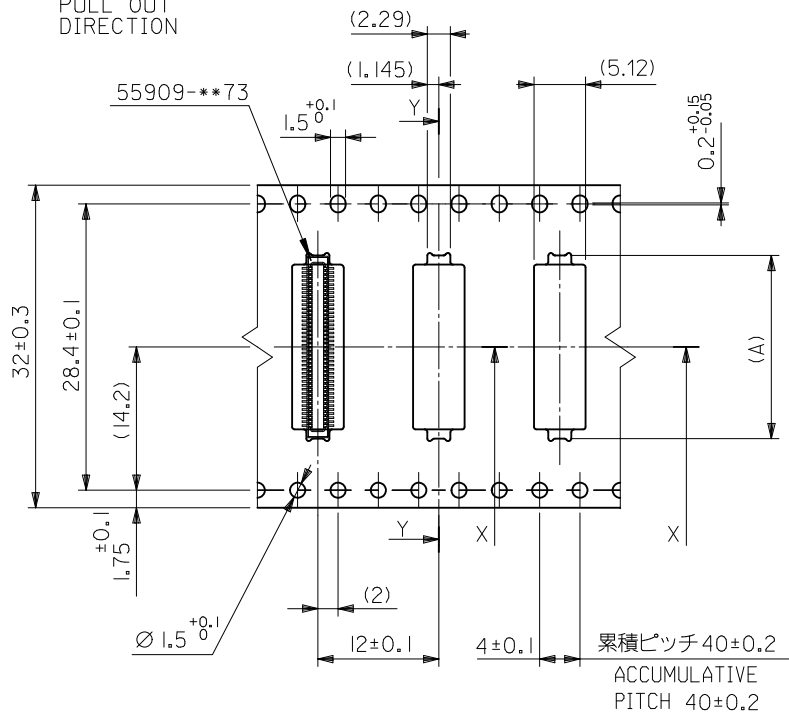
引き出し方向
PULL OUT
DIRECTION

トップテープ
TOP TAPE

55909-***73



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.

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	19.16	55909-0974	90
			18.16	55909-0874	80
			16.16	55909-0774	70
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CKT.

CONNECTOR SERIES No. 55909-***73

REVISED EC NO: J2010-2356 DRWN: TOSHIMA CHKD: KTOYODA APPR: MSASAO	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY H. SHIMAB	DATE 2004/02/20	TITLE 0.4 B-T0-B CONN PLUG ASSY(HGT=1.5) EMBSTP PKG				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE 2004/02/20					
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/02/20	MOLEX INCORPORATED				
		ANGULAR	±3 °	MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		DOCUMENT NO. SD-55909-004		SHEET NO. 3 OF 5	
		J			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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引き出し方向
PULL OUT
DIRECTION

トップテープ
TOP TAPE

55909-**73

(2.29)

(1.145)

(5.12)

 $1.5^{+0.1}_0$

Y

 $0.2^{+0.15}_{-0.05}$ 44 ± 0.3 40.4 ± 0.1

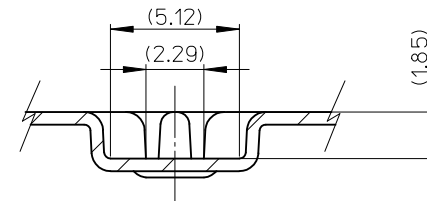
(20.2)

 ± 0.1

1.75

 $\phi 1.5^{+0.1}_0$

(2)

 12 ± 0.1 4 ± 0.1 累積ピッチ 40 ± 0.2 ACCUMULATIVE
PITCH 40 ± 0.2 

SECT:X-X

SECT:Y-Y

44mm幅キャリアテープ

44mm WIDTH CARRIER TAPE

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.

44	49.4	45.4	22.16	55909-1074	100
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CKT.

CONNECTOR SERIES No. 55909-**73

REVISED EC NO.: J2010-2356 DRAWN: TOSHIMA CHKD: KTOYODA APPR: MSASAO	2010/06/21 2010/07/20 2010/07/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			10 UNDER ±0.2		DRAWN BY H. SHIMAB	DATE 2004/02/20	TITLE 0.4 B-TO-B CONN PLUG ASSY(HGT=1.5) EMBSTP PKG		
			10 OVER 30 UNDER ±0.25		CHECKED BY K. TOJO	DATE 2004/02/20			
			30 OVER ±0.3		APPROVED BY M. SASAO	DATE 2004/02/20			
			ANGULAR ±3 °		MATERIAL NO.		MOLEX INCORPORATED		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		DOCUMENT NO. SD-55909-004		
REV	J		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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EN-02JA(021)

10 9 8 7 6 5 4 3 2 1

F

F

E

E

D

D

C

C

B

B

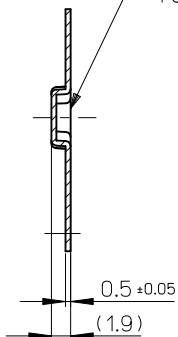
A

A

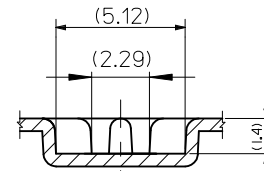
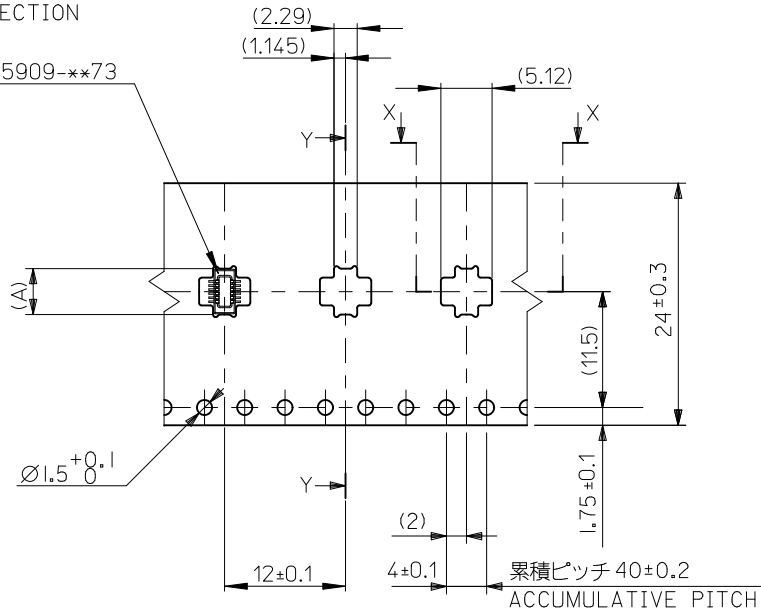
引き出し方向
PULL OUT DIRECTION

55909-**73

トップテープ
TOP TAPE



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	5.36	55909-1674	16
			4.56	55909-9974	12
キャリアテープ幅 CARRIER TAPE WIDTH		C	B	(A)	MATERIAL NO. CKT

CONNECTOR SERIES No. 55909-**73

REVISED EC NO: J2010-2356 DRWN: TOSHIMA CHKD: KTOYODA APPR: MSASAO J	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY H. SHIMAB	DATE 2004/02/20	TITLE 0.4 B-TO-B CONN PLUG ASSY(HGT=1.5) EMBSTP PKG				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/02/20					
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/02/20	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55909-004		5 OF 5			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							