

10

9

8

7

6

5

4

3

2

1

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 : 銅合金
TERMINAL : COPPER ALLOY

金具 : 銅合金
FITTING NAIL : COPPER ALLOY

2. メッキ仕様 PLATING

ターミナル TERMINAL

金メッキ
GOLD
下地メッキ : ニッケルメッキ
UNDER PLATING : NICKEL

※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.

金具 FITTING NAIL

錫メッキ
Tin PLATING
下地メッキ : ニッケルメッキ
UNDER PLATING : NICKEL

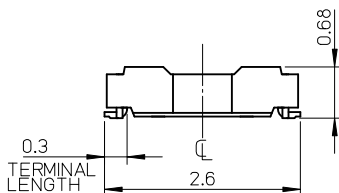
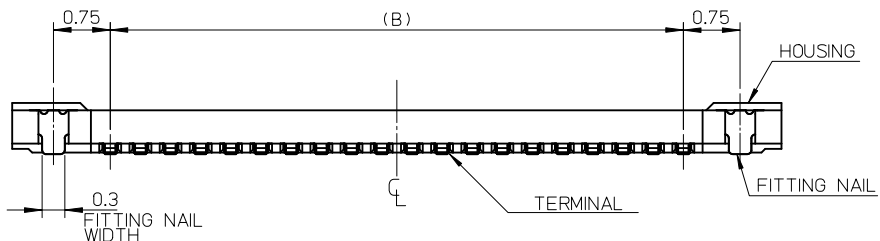
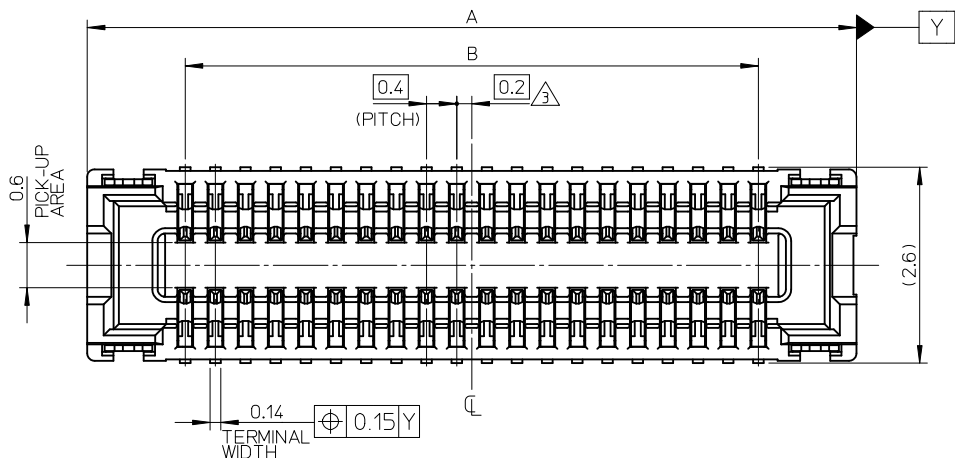
△ (全極数 / 2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN.

4. 嵌合相手 : 503308 シリーズ
MATE WITH : 503308 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. ELV and RoHS COMPLIANT.



11.6	14.2	503304-6010	60
9.6	12.2	503304-5010	50
8.4	11.0	503304-4410	44
8.0	10.6	503304-4210	42
7.6	10.2	503304-4010	40
5.6	8.2	503304-3010	30
4.8	7.4	503304-2610	26
4.4	7.0	503304-2410	24
3.6	6.2	503304-2010	20
3.2	5.8	503304-1810	18
2.8	5.4	503304-1610	16
2.0	4.6	503304-1210	12
B	A	EMBOSSED PACKAGE	極数
		オーダー番号 ORDER No.	CIRCUITS
		CONNECTOR SERIES No. : 503304-**-09	

REVISED EC NO: J2011-0495 DRWN:MTAKAHASHI 03/20/10/05/14 CHKD: 20/10/10/05 APPR:MSASAO 20/10/10/05	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 15:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION						
		10 UNDER	± 0.2	DRAWN BY KSASAKI	DATE 2008/04/17	TITLE 0.4 B-TO-B CONN. HGT=0.7 W=2.6 REC. ASS'Y								
		10 OVER 30 UNDER	± 0.25	CHECKED BY THIRATA	DATE 2008/04/17									
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2008/04/17	MOLEX INCORPORATED								
		ANGULAR ±1 °		MATERIAL NO.							DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART							SD-503304-001		1 OF 2	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

9

8

7

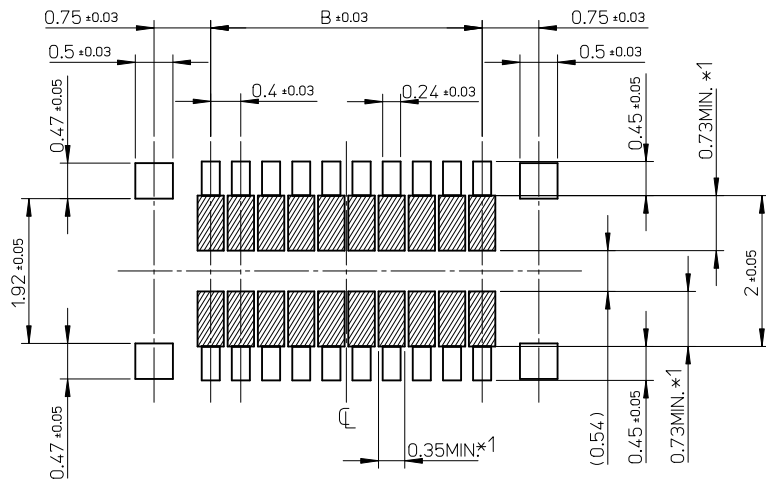
6

5

4

3

2



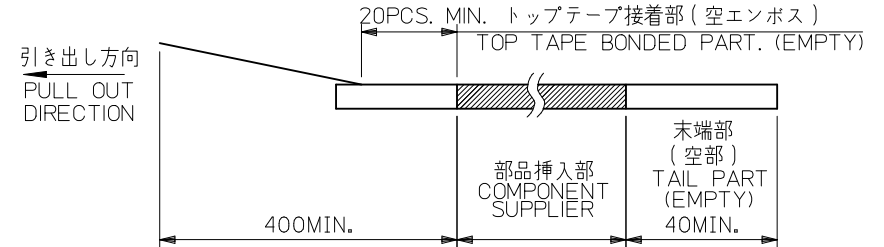
RECOMMENDED P.W. BOARD
PATTERN LAYOUT

- *1 パターン引き回し、および半田禁止エリア
(当該箇所においては、これと接する回路以外の配線を禁止する。
また、接する回路を配線する場合はレジストを施し、この部分に
半田は無きこととする。)
- *1 PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT.)

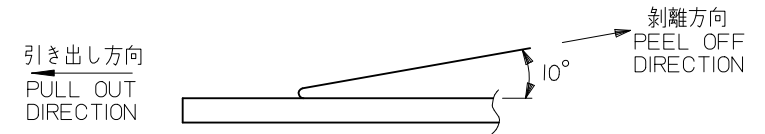
REVISED EC NO: J2011-0495 DRAWN: MTAKAHASHI CHKD: APPR: MSASAO	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 15:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
		10 UNDER	± 0.2	DRAWN BY KSASAKI	DATE 2008/04/17	TITLE 0.4 B-TO-B CONN. HGT=0.7 W=2.6 REC. ASS'Y						
		10 OVER 30 UNDER	± 0.25	CHECKED BY THIRATA	DATE 2008/04/17							
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2008/04/17	MOLEX INCORPORATED						
		ANGULAR ±1 °		MATERIAL NO.						DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART						SD-503304-001		2 OF 2
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

注記 NOTES

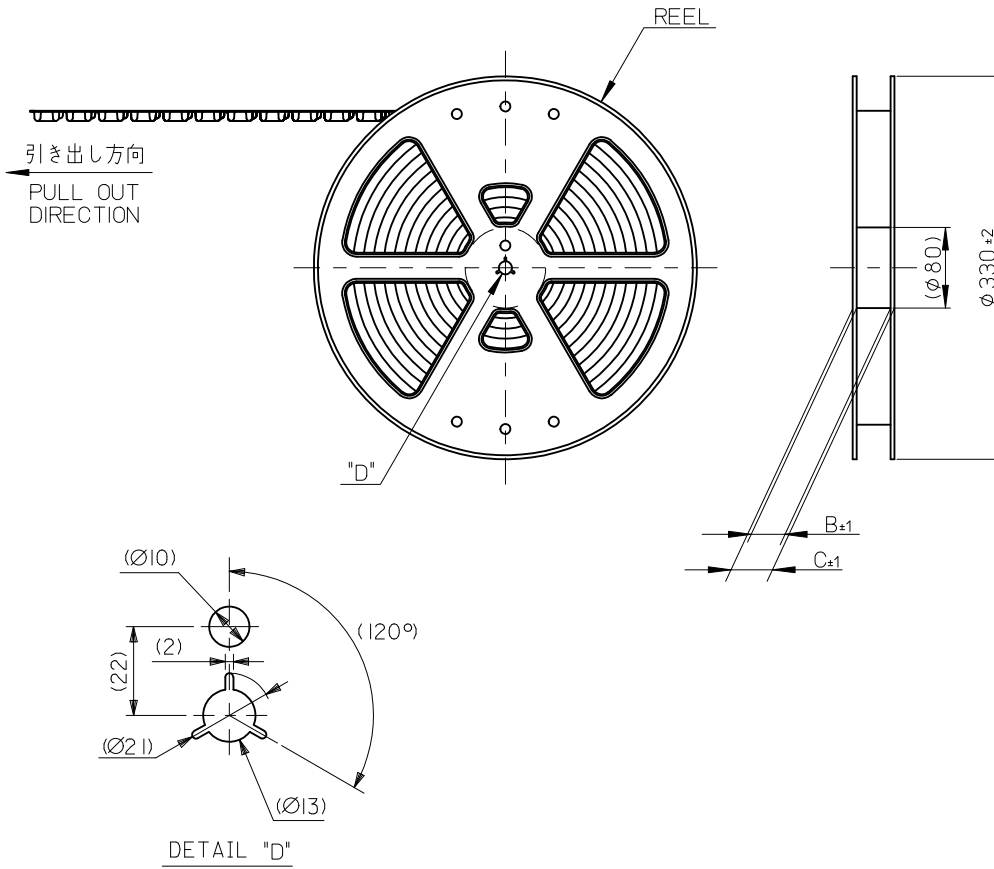
- 製品詳細寸法については製品単体図面を参照下さい。
RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
- 梱包数量 : 3000 個/リール
NUMBER OF CONNECTORS : 3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 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.



- 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, OTHER
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



REVISED EC NO: J2011-0495 DRWN:KSASAKI CHKD: APPR:MSASAO	DESCRIPTION 2010/08/16 2010/10/05 2010/10/05	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	MODEL NO. 503304-002 THIRD ANGLE PROJECTION	
		10 UNDER ±0.2		DRAWN BY DATE KSASAKI 2008/12/12		TITLE 0.4 B-TO-B CONN. HGT=0.7 REC ASSY EMBSTP PKG			
		10 OVER 30 UNDER ±0.25		CHECKED BY DATE THIRATA 2008/12/12					
		30 OVER ±0.3		APPROVED BY DATE MSASAO 2008/12/12		MOLEX INCORPORATED			
		ANGULAR ±1 °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE CHART		DOCUMENT NO. SD-503304-002	
D	REV	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

F

E

D

C

B

A

F

E

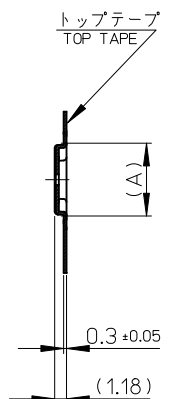
D

C

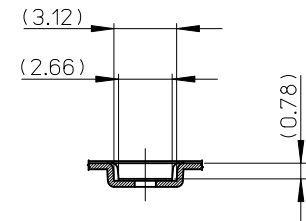
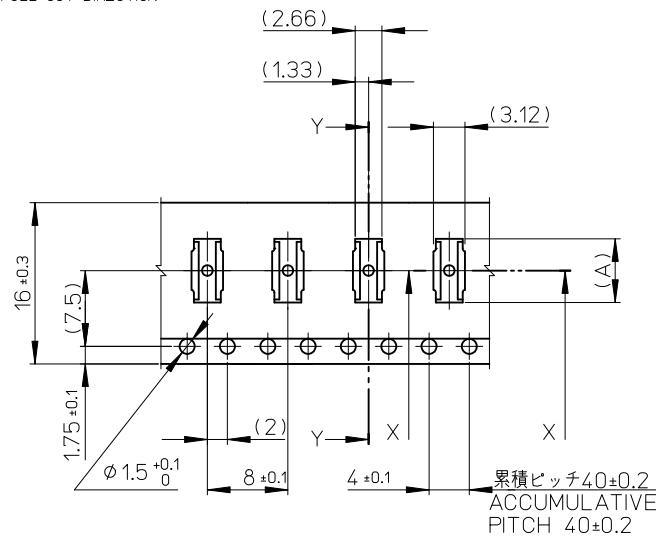
B

A

引き出し方向
PULL OUT DIRECTION



SECTION Y-Y

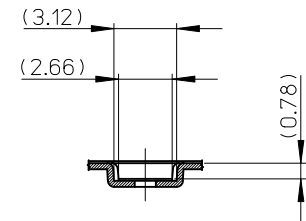
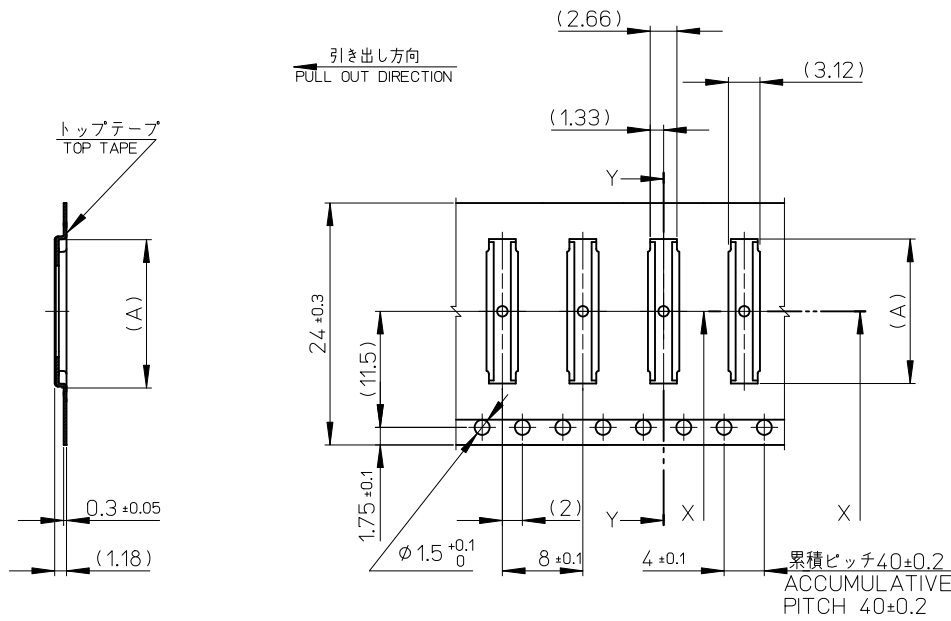


SECTION X-X

16mm 幅キャリアテープ
16mm WIDTH CARRIER TAPE

16	21.4	17.4	7.52	503304-2610		26
			7.12	503304-2410		24
			6.32	503304-2010		20
			5.92	503304-1810		18
			5.52	503304-1610		16
			4.72	503304-1210		12
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	503304-**10	

REVISED EC NO: J2011-0495 DRWN:KSASAKI CHKD: APPR:MSASAO REV D	DESCRIPTION 2010/08/16 2010/10/05 2010/10/05	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 0.4 B-TO-B CONN. HGT=0.7 REC ASSY EMBSTP PKG				
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
		30 OVER	± 0.3	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED				
		ANGULAR	± 1 °	MATERIAL NO.	2008/12/12					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		DOCUMENT NO. SD-503304-002		SHEET NO. 2 OF 3		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



SECTION Y-Y

SECTION X-X

24mm 幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	14.32	503304-6010		60
			12.32	503304-5010		50
			11.12	503304-4410		44
			10.72	503304-4210		42
			10.32	503304-4010		40
			8.32	503304-3010		30
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	503304-**10	

REVISED EC NO: J2011-0495 DRWN:KSASAKI CHKD: APPR:MSASAO REV D	2010/08/16 2010/10/05 2010/10/05	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			10 UNDER		± 0.2	DRAWN BY KSASAKI	DATE 2008/12/12	TITLE 0.4 B-TO-B CONN. HGT=0.7 REC ASSY EMBSTP PKG				
			10 OVER 30 UNDER		± 0.25	CHECKED BY THIRATA	DATE 2008/12/12					
			30 OVER		± 0.3	APPROVED BY MSASAO	DATE 2008/12/12	MOLEX MOLEX INCORPORATED				
			ANGULAR		$\pm 1^\circ$	MATERIAL NO.	DOCUMENT NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503304-002		3 OF 3			
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					