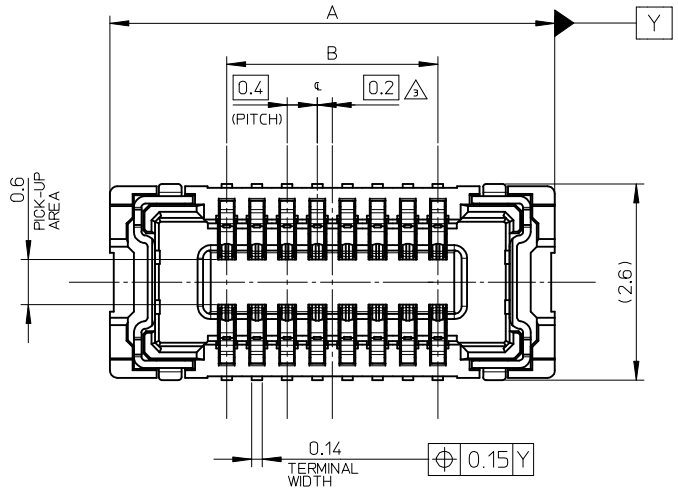
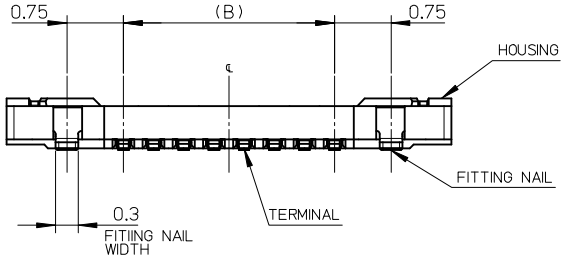
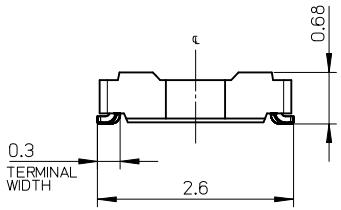






注記 NOTES

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の基板接触面には金メッキを施してあります．
   それ以外の箇所は金メッキもしくはニッケルメッキが露出し、
   外観上 色調が異なる場合がありますが、性能には影響ありません．
   但し、コンタクト部とテール部の間にはニッケルメッキで金メッキを分断している箇所があります．
   CONTACT AREA : GOLD PLATING
   SOLDER TAIL AREA (PWB CONTACT SURFACE SIDE ONLY) : GOLD PLATING
   OTHER AREAS : GOLD PLATING OR NICKEL PLATING
   NICKEL PLATING DIVIDES BETWEEN THE CONTACT AREA (GOLD PLATING)
   AND SOLDER TAIL AREA (GOLD PLATING).
   金具 FITTING NAIL
   金メッキ (テール部のみ)
   GOLD (ONLY TAIL PART)
   下地メッキ：ニッケルメッキ
   UNDER PLATING : NICKEL
3. (全極数／2) =偶数の場合に適用．
   APPLY FOR (CIRCUIT/2)=EVEN.
4. 嵌合相手： 503552 シリーズ
   MATE WITH : 503552 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 0.1MAXIMUM.
6. ELV and RoHS COMPLIANT.

3.2	6.3	503548-1820	18
2.8	5.9	503548-1620	16
2.4	5.5	503548-1420	14
2.0	5.1	503548-1220	12
1.6	4.7	503548-1020	10
0.8	3.9	503548-0620	6
B	A	EMBOSSED PACKAGE	極数 CIRCUITS
		オーダー番号 ORDER No.	
		CONNECTOR SERIES No. : 503548-**19	

REVISED
EC NO: J2013-1507 2013/06/13
DRWN:YFUJIMAKI 2013/06/13
CH'KD:TASAKAWA 2013/06/14
APPR:KMORIKAWA
DESCRIPTION
A
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 15:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RTAKEUCHI DATE: 2010/05/17
CHECKED BY: T.HIRATA DATE: 2010/05/17
APPROVED BY: MSASAO DATE: 2010/09/15

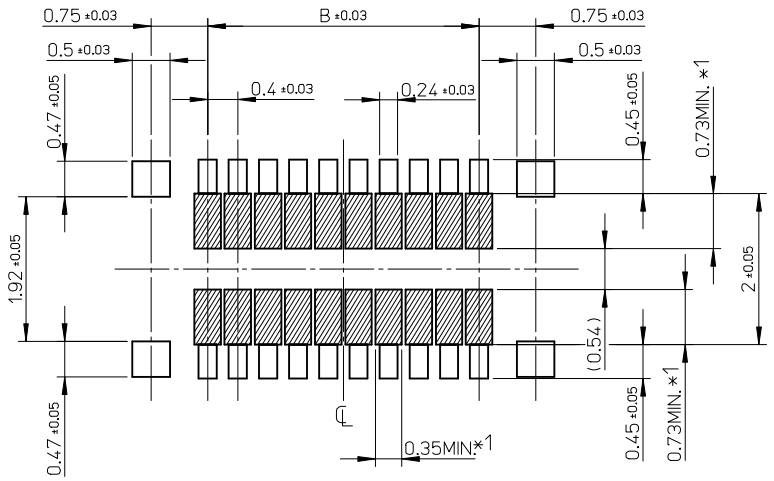
TITLE: 0.4 B-TO-B CONN. HGT=0.7 W=2.6 HI-RETENTION REC ASSY

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-503548-005
SHEET NO.: 1 OF 2

SIZE A3

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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.)

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EC NO: J2013-1507	2013/06/13			
DRWN:YFUJIMAKI	2013/06/13			
CHKD:TASAKAWA	2013/06/14			
APPR:KMORIKAWA				
A		REV		

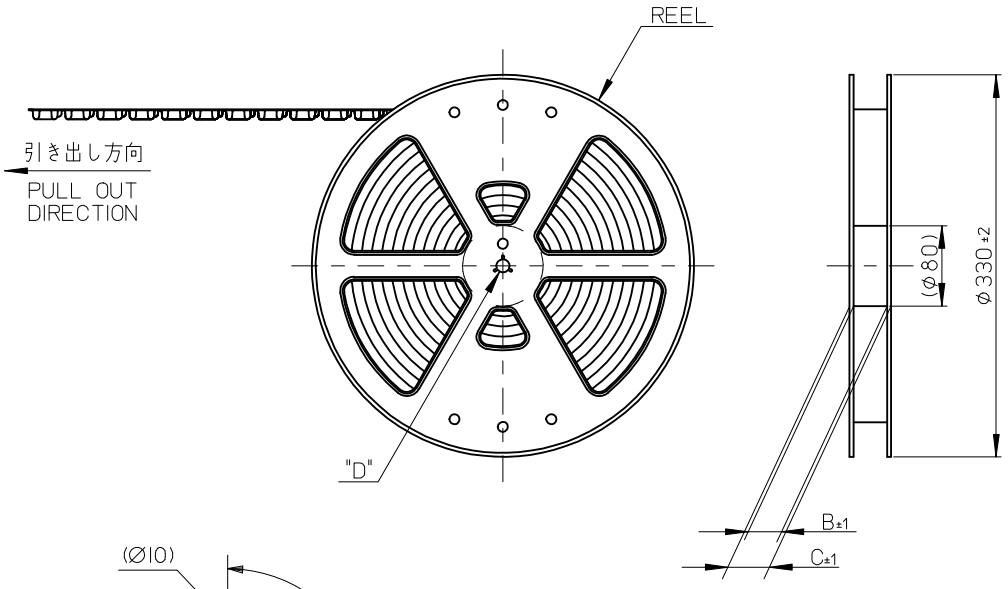
DESCRIPTION

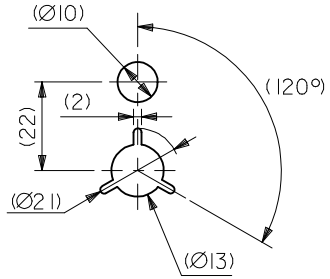
GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR ±1 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 15:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: RTAKEUCHI DATE: 2010/05/17	TITLE: 0.4 B-TO-B CONN. HGT=0.7 W=2.6 HI-RETENTION REC ASSY		
CHECKED BY: T.HIRATA DATE: 2010/05/17			
APPROVED BY: MSASAO DATE: 2010/09/15	molex		
MATERIAL NO.: SEE SHEET 1	DOCUMENT NO.: SD-503548-005	SHEET NO.: 2 OF 2	
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

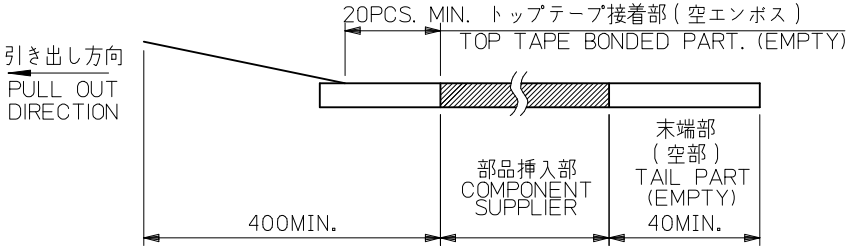




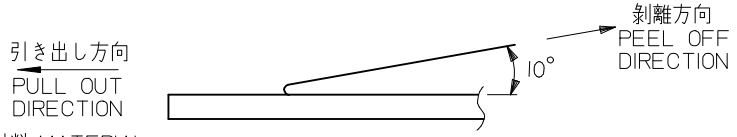
DETAIL "D"

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

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EC NO: J2013-1507			
DRWN:YFUJIMAKI	2013/06/13		
CHKD:TASAKAWA	2013/06/13		
APPR:KMORIKAWA	2013/06/14		
A		REV	

GENERAL TOLERANCES (UNLESS SPECIFIED)

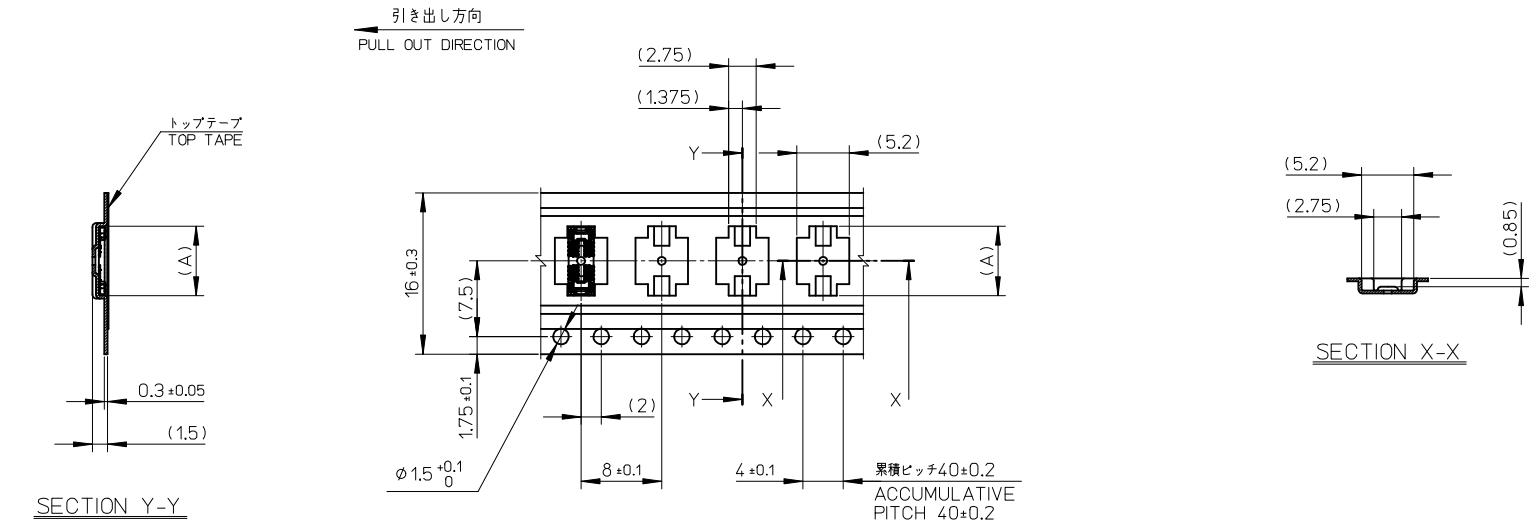
DESCRIPTION	
10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 1:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
MODEL NO.	503548-**20		
DRAWN BY: RTAKEUCHI	DATE: 2010/02/08	TITLE: 0.4 B-TO-B CONN. HGT=0.7 HI-RETENTION REC ASSY EMBSTP PKG	
CHECKED BY: THIRATA	DATE: 2010/02/08		
APPROVED BY: MSASAO	DATE: 2010/02/08	molex	
MATERIAL NO.: SEE SHEET 2		DOCUMENT NO.: SD-503548-006	SHEET NO.: 1 OF 2

SIZE A3

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16mm 幅キャリアテープ

16mm WIDTH CARRIER TAPE

キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.	CKT.
16	21.4	17.4	6.5	503548-1820	18
			6.1	503548-1620	16
			5.7	503548-1420	14
			5.3	503548-1220	12
			4.9	503548-1020	10
			4.1	503548-0620	6

MODEL No. 503548-**20

REVISED
EC NO: J2013-1507 2013/06/13
DRWN:YFUJIMAKI 2013/06/13
CH'KD:TASAKAWA 2013/06/14
APPR:KMORIKAWA
DESCRIPTION
A
REV

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: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RTAKEUCHI DATE: 2010/02/08
CHECKED BY: THIRATA DATE: 2010/02/08
APPROVED BY: MSASAO DATE: 2010/02/08
MATERIAL NO.: SEE CHART

TITLE: 0.4 B-TO-B CONN. HGT=0.7 HI-RETENTION REC ASSY EMBSTP PKG

molex

DOCUMENT NO.: SD-503548-006
SHEET NO.: 2 OF 2
SIZE: A3

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