

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.

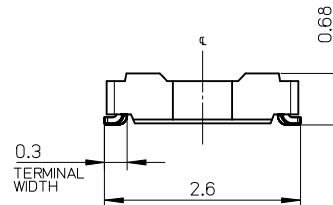
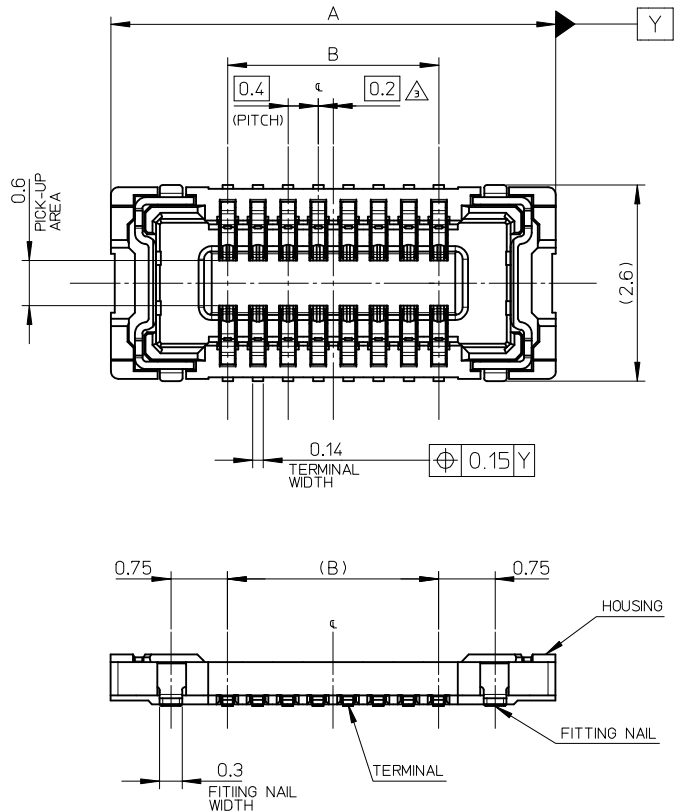
5. テール平坦度は、0.08 以下

テール及び金具の平坦度は、0.1 以下

TAIL COPLANARITY TO BE 0.08 MAXIMUM.

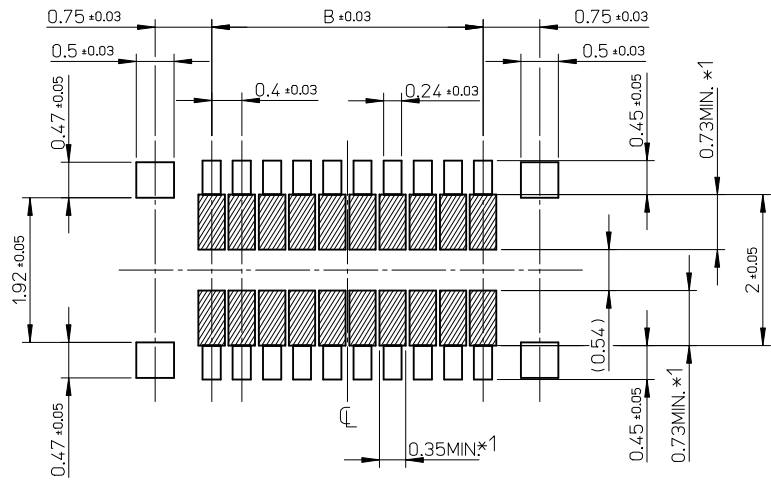
TAIL AND FITTING NAIL COPLANARITY TO BE 0.1 MAXIMUM.

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
		オーダー番号 ORDER No.	CIRCUITS
		CONNECTOR SERIES No. : 503548-***19	

REVISED EC NO: J2013-1507 DRWN:YFUJIMAKI 2013/06/13 CHKD: TASAKAWA 2013/06/13 APPR:KMORIKAWA 2013/06/14	DESCRIPTION A	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 15:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	RTAKEUCHI	2010/05/17	TITLE 0.4 B-TO-B CONN. HGT=0.7 W=2.6 HI-RETENTION REC ASSY molex				
		10 OVER 30 UNDER	± 0.25	CHECKED BY T. HIRATA	2010/05/17					
		30 OVER	± 0.3	APPROVED BY MSASAO	2010/09/15					
		ANGULAR ±1 °		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-503548-005		SHEET NO. 1 OF 2		
	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						



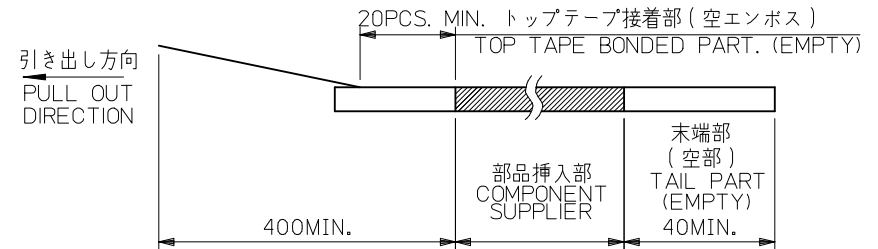
- *1 パターン引き回し、および半田禁止エリア
(当該箇所においては、これと接する回路以外の配線を禁止する。
また、接する回路を配線する場合はレジストを施し、この部分に
半田は無きこととする。)
- *1 PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT.)

RECOMMENDED P.W. BOARD
PATTERN LAYOUT

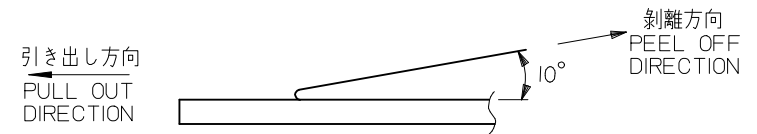
REVISED EC NO: J2013-1507 DRWN: YFUJIMAKI 2013/06/13 CHKD: TASAKAWA 2013/06/13 APPR: KMORIKAWA 2013/06/14 A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 15:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE 0.4 B-TO-B CONN. HGT=0.7 W=2.6 HI-RETENTION REC ASSY molex SD-503548-005	
		10 UNDER	± 0.2	DRAWN BY RTAKEUCHI	DATE 2010/05/17					
		10 OVER 30 UNDER	± 0.25	CHECKED BY T. HIRATA	DATE 2010/05/17					
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE 2010/09/15					
		ANGULAR ±1 °	MATERIAL NO.		DOCUMENT NO.					SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1						2 OF 2
		REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

注記 NOTES

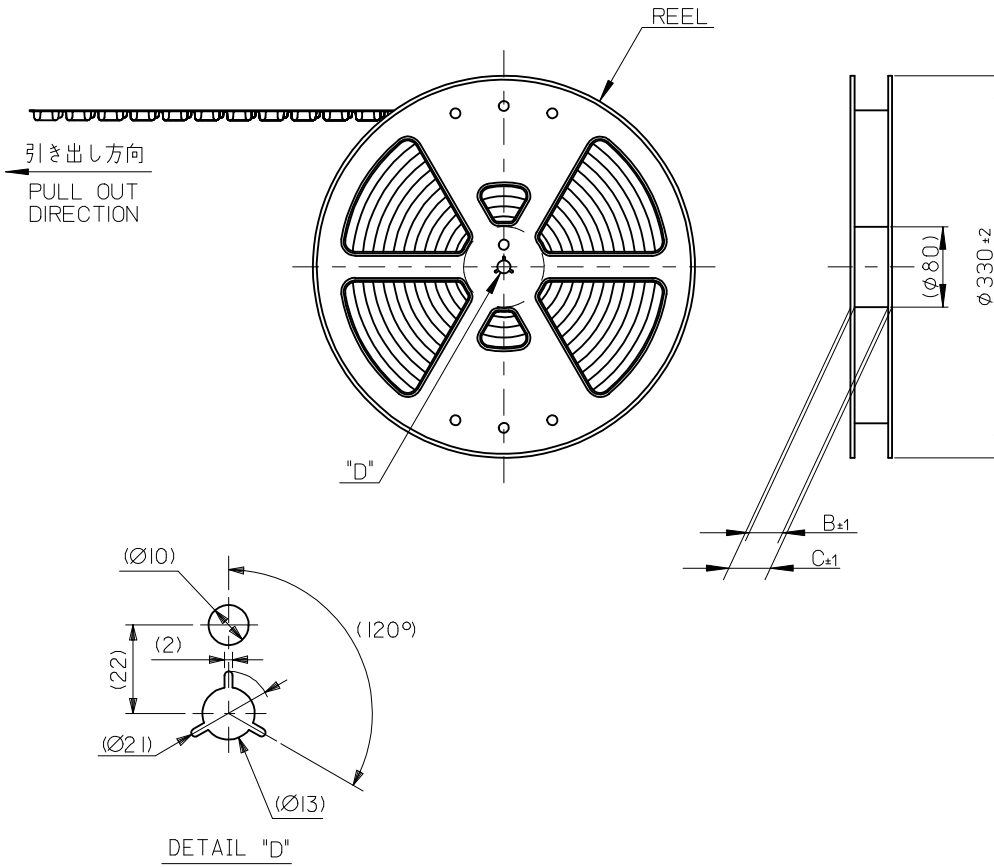
- 製品詳細寸法については製品単体図面を参照下さい。
RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
- 梱包数量：3000 個／リール
NUMBER OF CONNECTORS：3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 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.

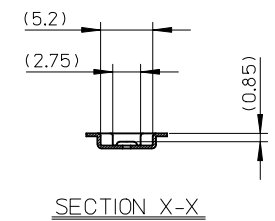
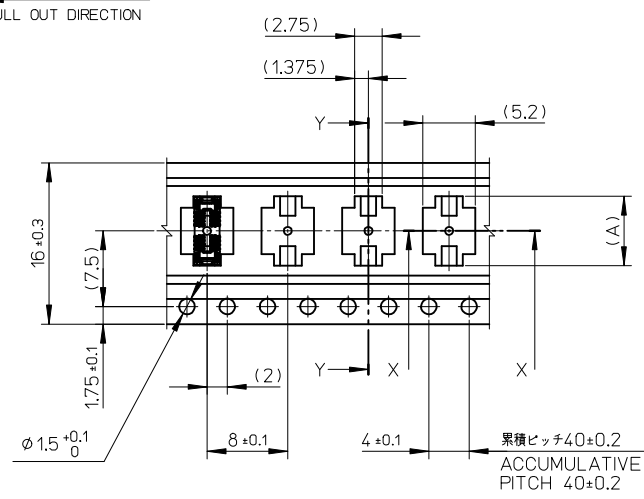
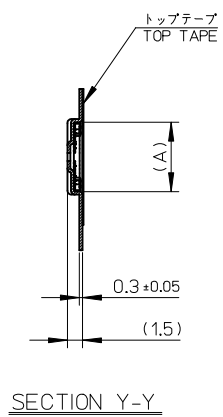


- 材料 MATERIAL
キャリアテープ (CARRIER TAPE)：ポリスチレン (POLYSTYRENE)
トップテープ (TOP TAPE)：PET, OTHER
リール (REEL)：ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- ELV 及び RoHS適合品
ELV AND RoHS COMPLIANT



REVISED		EC NO: J2013-1507		DRWN:YFUJIMAKI 2013/06/13		CHKD:TASAKAWA 2013/06/13		APPR:KMORIKAWA 2013/06/14		MODEL NO.		503548-**20	
GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION		TITLE		SHEET NO.	
10 UNDER		MM ONLY		1:1		METRIC		DRAWN BY		DATE		1 OF 2	
10 OVER 30 UNDER		DRAWN BY		DATE		RTAKEUCHI		2010/02/08		0.4 B-TO-B CONN. HGT=0.7		HI-RETENTION	
30 OVER		CHECKED BY		DATE		THIRATA		2010/02/08		REC ASSY EMBSTP PKG		molex	
ANGULAR ±---		APPROVED BY		DATE		MSASAO		2010/02/08		DOCUMENT NO.		SD-503548-006	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE SHEET 2		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



16mm 幅キャリアテープ
16mm WIDTH CARRIER TAPE

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
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	503548-**-20	

REVISED EC NO: J2013-1507 DRWN: YFUJIMAKI CHKD: TASAKAWA APPR: KMORIKAWA A	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION						
		10 UNDER	±---	DRAWN BY RTAKEUCHI	DATE 2010/02/08	TITLE 0.4 B-TO-B CONN. HGT=0.7 HI-RETENTION REC ASSY EMBSTP PKG								
		10 OVER 30 UNDER	±---	CHECKED BY THIRATA	DATE 2010/02/08									
		30 OVER	±---	APPROVED BY MSASAO	DATE 2010/02/08	DOCUMENT NO. SD-503548-006								
		ANGULAR	±--- °	MATERIAL NO. SEE CHART										
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