

10

9

8

7

6

5

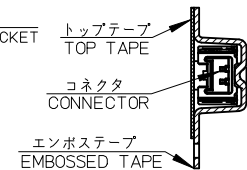
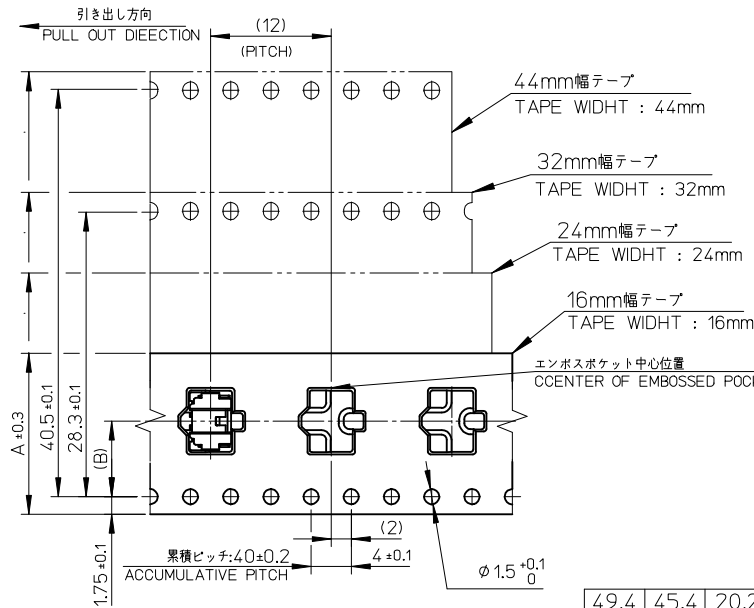
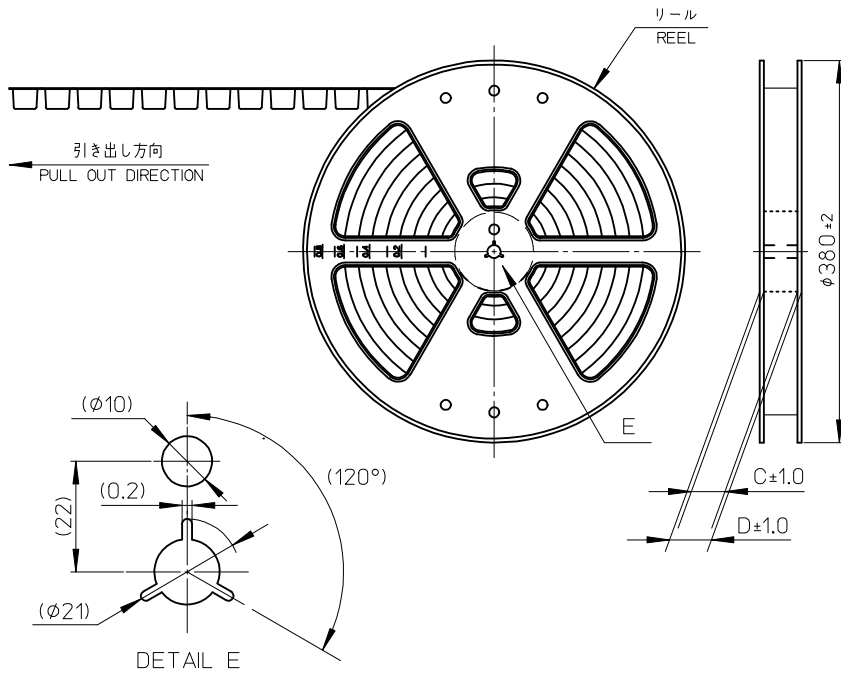
4

3

2

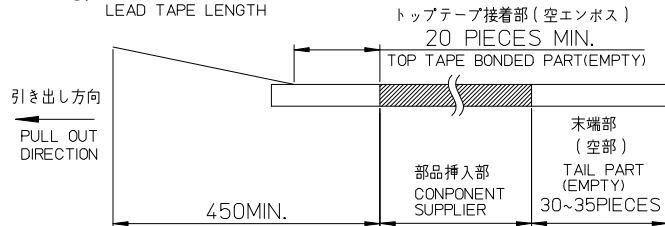
1

ELV AND RoHS COMPLIANT



NOTES

- 製品詳細寸法は製品単体図面を参照して下さい。
FOR DETAIL OF CONNECTOR DIMENSIONS,
PLEASE SEE THE DRAWING OF CONNECTOR ITSELF (NOT PACKAGED).
- 梱包数量 : 1200個
NUMBER OF CONNECTORS : 1200 PIECES/REEL.
- リードテープ長さ
LEAD TAPE LENGTH



- 材料 MATERIAL
キャリアテープ: ポリスチレン (PS)
CARRIER TAPE: POLYSTYRENE (PS)
トップテープ: ポリエステル (PET)、その他
TOP TAPE: POLYESTER (PET), OTHER
リール: ポリスチレン (PS) <リサイクル材を含む>
REEL: POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- トップテープの剥離強度については、IEC60286-3に準拠。
TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.

49.4	45.4	20.2	44	504195167*	16
49.4	45.4	20.2	44	504195157*	15
49.4	45.4	20.2	44	504195147*	14
37.4	33.4	14.2	32	504195137*	13
37.4	33.4	14.2	32	504195127*	12
37.4	33.4	14.2	32	504195117*	11
37.4	33.4	14.2	32	504195107*	10
29.4	25.4	11.5	24	504195097*	9
29.4	25.4	11.5	24	504195087*	8
29.4	25.4	11.5	24	504195077*	7
29.4	25.4	11.5	24	504195067*	6
29.4	25.4	11.5	24	504195057*	5
29.4	25.4	11.5	24	504195047*	4
21.4	17.4	7.5	16	504195037*	3
21.4	17.4	7.5	16	504195027*	2
D	C	B	エンボステープ幅 WIDTH OF TAPE A	エンボス梱包 EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	極数 (KT. NO.)

RELEASED EC NO: J2014-0166 DRWN:SSAT002 CHKD:KASAKAWA APPR:NUKITA	2013/07/29 2013/07/30 2013/08/08	DESCRIPTION REV O	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			10 UNDER ± 0.2		DRAWN BY SSAT002	DATE 2013/07/29	TITLE EMBOSSED TAPE PKG FOR 1.25 WTB SINGLE RA SMT				
			10 OVER 30 UNDER ± 0.25		CHECKED BY KASAKAWA	DATE 2013/07/30					
			30 OVER ± 0.3		APPROVED BY NUKITA	DATE 2013/08/08					
			ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-504195-001				1 OF 2		
			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

HSG COLOR ORANGE	HSG COLOR GREEN	HSG COLOR BLUE	HSG COLOR YELLOW	HSG COLOR RED	HSG COLOR BLACK	HSG COLOR NATURAL (BEIGE)	
5041951678	5041951676	5041951674	5041951673	5041951672	5041951671	5041951670	16
5041951578	5041951576	5041951574	5041951573	5041951572	5041951571	5041951570	15
5041951478	5041951476	5041951474	5041951473	5041951472	5041951471	5041951470	14
5041951378	5041951376	5041951374	5041951373	5041951372	5041951371	5041951370	13
5041951278	5041951276	5041951274	5041951273	5041951272	5041951271	5041951270	12
5041951178	5041951176	5041951174	5041951173	5041951172	5041951171	5041951170	11
5041951078	5041951076	5041951074	5041951073	5041951072	5041951071	5041951070	10
5041950978	5041950976	5041950974	5041950973	5041950972	5041950971	5041950970	9
5041950878	5041950876	5041950874	5041950873	5041950872	5041950871	5041950870	8
5041950778	5041950776	5041950774	5041950773	5041950772	5041950771	5041950770	7
5041950678	5041950676	5041950674	5041950673	5041950672	5041950671	5041950670	6
5041950578	5041950576	5041950574	5041950573	5041950572	5041950571	5041950570	5
5041950478	5041950476	5041950474	5041950473	5041950472	5041950471	5041950470	4
5041950378	5041950376	5041950374	5041950373	5041950372	5041950371	5041950370	3
5041950278	5041950276	5041950274	5041950273	5041950272	5041950271	5041950270	2
EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	極数 CKT.NO.

RELEASED
EC NO: J2014-0166
DRWN:SSAT002 2013/07/29
CHKD:KASAKAWA 2013/07/30
APPR:NUKITA 2013/08/08

DESCRIPTION
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

DRAWN BY SSAT002 DATE 2013/07/29
CHECKED BY KASAKAWA DATE 2013/07/30
APPROVED BY NUKITA DATE 2013/08/08
MATERIAL NO.

SIZE
A3

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

SCALE
2:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
EMBOSSED TAPE PKG FOR
1.25 WTB SINGLE RA SMT

molex

DOCUMENT NO.
SD-504195-001

SHEET NO.
2 OF 2

10

9

8

7

6

5

4

3

2

1

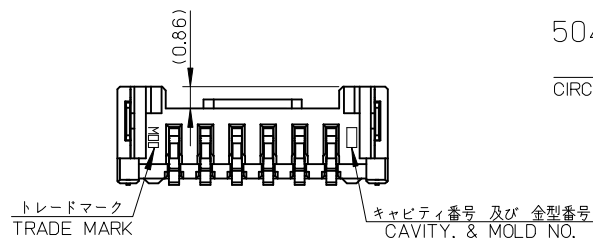
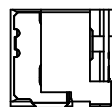
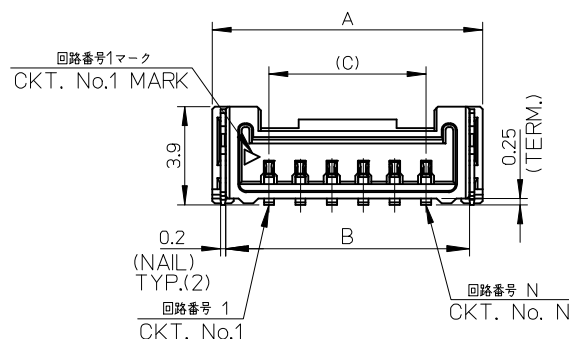
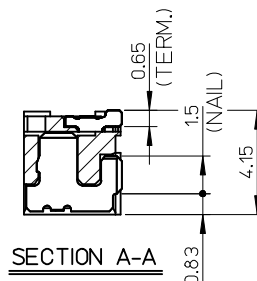
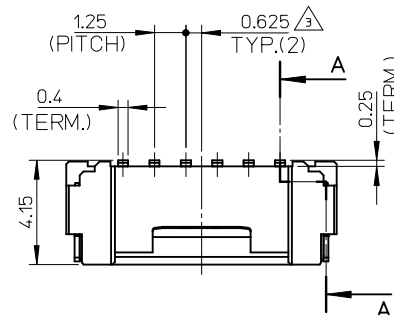
ELV AND RoHS COMPLIANT

NOTES

1. 嵌合相手: 504193**0*
MATE WITH: 504193**0*
2. 端子テール部 及び ネイルの平坦度: 0.1MAX.
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX.
3. 極数/2=偶数に適用。
APPLY FOR CKT. SIZE / 2 = EVEN.
4. 端子テール部 及び ネイルに錫めっきを使用しているため、
外觀に摺動痕が付く場合が御座います。
THE WOUND OF FRICTION MIGHT ADHERE TO EXTERNALS
BECAUSE THE TIN PLATING IS USED FOR THE TAIL AND NAIL.
5. 本製品のプラスチック部に黒点等が確認される場合や
色合いが異なる場合がありますが、製品性能に影響はありません。
THERE IS NO INFLUENCE IN THE PRODUCT PERFORMANCE THOUGH
THE BLACK SPOT ETC. MIGHT BE CONFIRMED TO THE PLASTIC PART
OF THIS PRODUCT AND THE SHADE MIGHT BE DIFFERENT.
6. アプリケーション仕様書(コネクタ取扱説明書): AS-504193-001/-002
APPLICATION SPECIFICATIONS(CONNECTOR MANUAL): AS-504193-001/-002
7. 製品仕様書: PS-504193-001
PRODUCT SPECIFICATION: PS-504193-001
8. 製品番号 MATERIAL No.

504195**0*
極数 CIRCUIT SIZE 色 COLOR

NO.	COLOR
0	NATURAL
1	BLACK
2	RED
3	YELLOW
4	BLUE
6	GREEN
8	ORANGE



10.7	18.75	22.2	23.25	504195167*	16
10.7	17.5	20.95	22	504195157*	15
10.7	16.25	19.7	20.75	504195147*	14
9.2	15	18.45	19.5	504195137*	13
9.2	13.75	17.2	18.25	504195127*	12
9.2	12.5	15.95	17	504195117*	11
9.2	11.25	14.7	15.75	504195107*	10
6.7	10	13.45	14.5	504195097*	9
6.7	8.75	12.2	13.25	504195087*	8
6.7	7.5	10.95	12	504195077*	7
6.6	6.25	9.7	10.75	504195067*	6
5.35	5	8.45	9.5	504195057*	5
4.1	3.75	7.2	8.25	504195047*	4
2.85	2.5	5.95	7	504195037*	3
1.9	1.25	4.7	5.75	504195027*	2

部品 PART	材質 MATERIAL
ハウジング HOUSING	ポリアミド(PA), ガラス充填, UL94 V-0, 色: SEET3参照 POLYAMIDE(PA), GALASS FILED, UL94 V-0, COLOR: SEE SHEET 3
ターミナル TERMINAL	黄銅 BRASS 錫めっき: 1.0 micro-meter MIN. TIN ニッケルめっき(下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)
ネイル NAIL	黄銅 BRASS 錫めっき: 1.0 micro-meter MIN. TIN ニッケルめっき(下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)

REVISED	EC NO.: J2015-0329	2014/09/04	DRWN:SSAT002	2014/09/04	CHKD:KASAKAWA	2014/09/04	APPR:NUKITA	2014/09/04
A								

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	
DRAWN BY	DATE
SSAT002	2013/07/29
CHECKED BY	DATE
KASAKAWA	2013/07/30
APPROVED BY	DATE
NUKITA	2013/08/08
MATERIAL NO.	
SEE SHEET 3	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
5:1	METRIC		
TITLE			
1.25 WTB SINGLE SMT RA PLUG ASS'Y			
molex			
DOCUMENT NO.		SHEET NO.	
SD-504195-002		1 OF 3	
TAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9

8

7

6

5

4

3

2

10

9

8

7

6

5

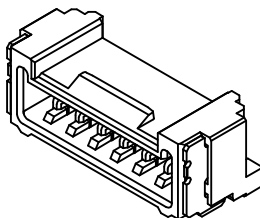
4

3

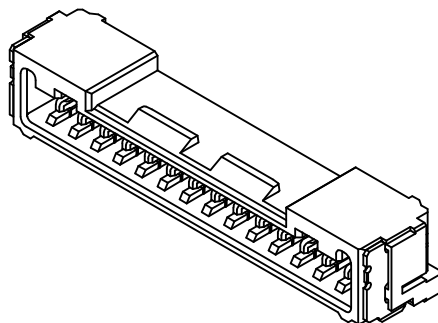
2

1

ELV AND RoHS COMPLIANT



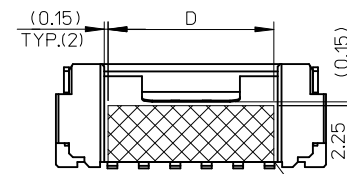
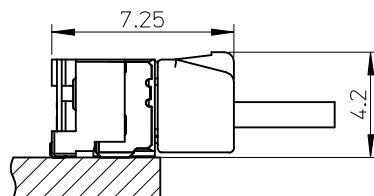
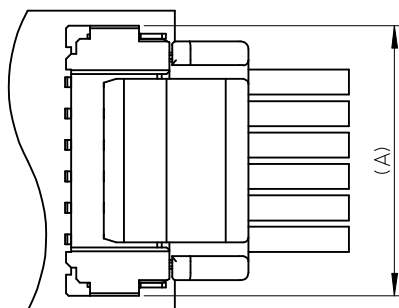
2~13 CKT.



14~16 CKT.

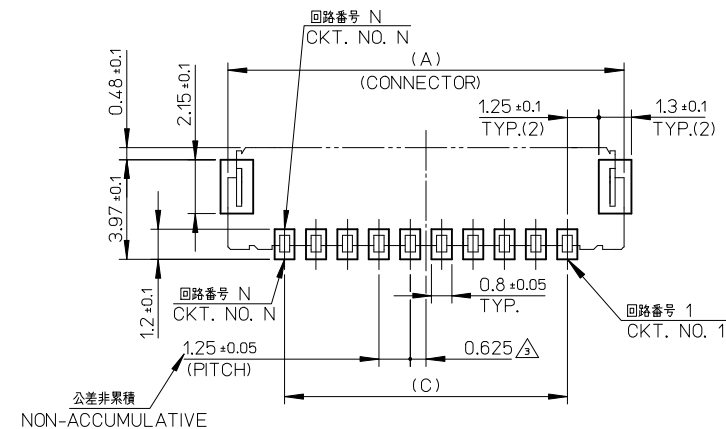
係止形状違い

DIFFERENCE OF LOCK SHAPE

吸着範囲
VACUUM AREA

嵌合図

MATED CONNECTORS



推奨基板レイアウト

RECOMMENDED P.C.B. PATTERN LAYOUT

(参考: メタルマスク厚さ: 150μm, マスク開口率100%)

(REFERENCE: METAL MASK THICKNESS: 150μm, APERTURE RASIO: 100%)

REVISED	EC NO: J2015-0329	DRWN:SSAT002	2014/09/04	CHKD:KASAKAWA	2014/09/04	APPR:NUKITA	2014/09/04	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	TITLE 1.25 WTB SINGLE SMT RA PLUG ASS'Y
									10 UNDER	± 0.2	DRAWN BY	DATE	molex				
									10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
									30 OVER	± 0.3	APPROVED BY	DATE					
									ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 3		SD-504195-002				2 OF 3									
A	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

10987654321

ELV AND RoHS COMPLIANT

HSG COLOR ORANGE	HSG COLOR GREEN	HSG COLOR BLUE	HSG COLOR YELLOW	HSG COLOR RED	HSG COLOR BLACK	HSG COLOR NATURAL (BEIGE)	
5041951678	5041951676	5041951674	5041951673	5041951672	5041951671	5041951670	16
5041951578	5041951576	5041951574	5041951573	5041951572	5041951571	5041951570	15
5041951478	5041951476	5041951474	5041951473	5041951472	5041951471	5041951470	14
5041951378	5041951376	5041951374	5041951373	5041951372	5041951371	5041951370	13
5041951278	5041951276	5041951274	5041951273	5041951272	5041951271	5041951270	12
5041951178	5041951176	5041951174	5041951173	5041951172	5041951171	5041951170	11
5041951078	5041951076	5041951074	5041951073	5041951072	5041951071	5041951070	10
5041950978	5041950976	5041950974	5041950973	5041950972	5041950971	5041950970	9
5041950878	5041950876	5041950874	5041950873	5041950872	5041950871	5041950870	8
5041950778	5041950776	5041950774	5041950773	5041950772	5041950771	5041950770	7
5041950678	5041950676	5041950674	5041950673	5041950672	5041950671	5041950670	6
5041950578	5041950576	5041950574	5041950573	5041950572	5041950571	5041950570	5
5041950478	5041950476	5041950474	5041950473	5041950472	5041950471	5041950470	4
5041950378	5041950376	5041950374	5041950373	5041950372	5041950371	5041950370	3
5041950278	5041950276	5041950274	5041950273	5041950272	5041950271	5041950270	2
EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	EMBOSSED TAPE PACKAGE オーダー番号 ORDER NO.	極数 CKT.NO.

REVISED
EC NO: J2015-0329
DRWN:SSAT002
CHKD:KASAKAWA
APPR:NUKITA

2014/09/04
2014/09/04
2014/09/04

DESCRIPTION
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

DRAWN BY
SSAT002

DATE
2013/07/29

CHECKED BY
KASAKAWA

DATE
2013/07/30

APPROVED BY
NUKITA

DATE
2013/08/08

MATERIAL NO.
SEE TABLE

SIZE
A3

SCALE
5:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
1.25 WTB SINGLE SMT
RA PLUG ASS'Y

molex

DOCUMENT NO.
SD-504195-002

SHEET NO.
3 OF 3

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

10987654321

Rev G 2012/01/25

987654321