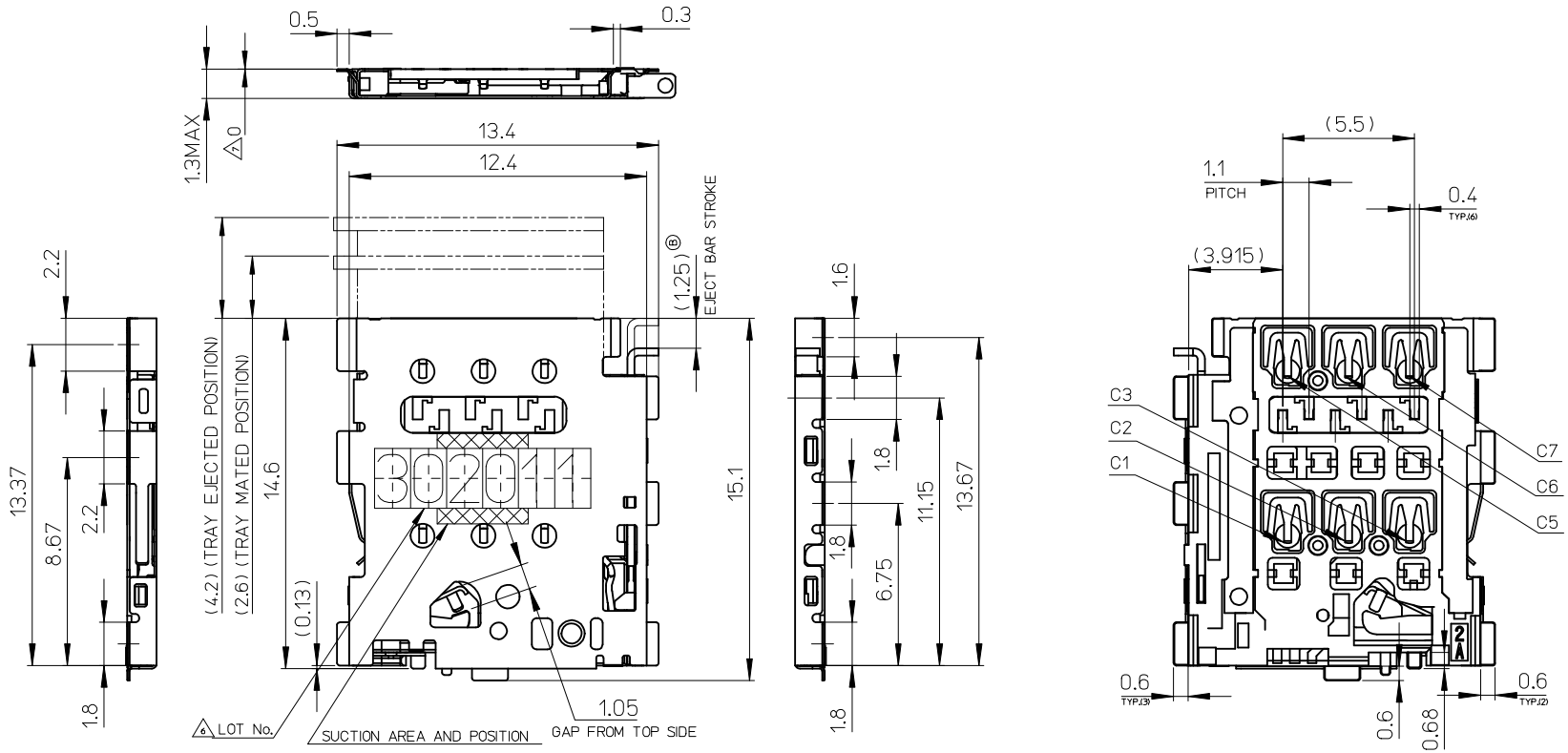
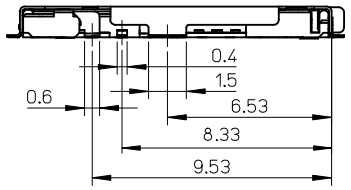




LOT No. : 3 0 2 0 1 1

- THE LAST NUMBER OF YEAR
  - 2 : 2012
  - 3 : 2013
  - 4 : 2014
  - . . .
- MONTH
  - 01 : JANUARY
  - 02 : FEBRUARY
  - . . .
  - 12 : DECEMBER
- DAY
  - 01 - 31
- LINE No.
  - 0 : JAPAN
  - 1-9 : DALIAN

PIN ASSIGNMENT
C1: Vcc
C2: RST
C3: CLK
C5: GND
C6: Vpp
C7: I/O

504520-0691	6
EMBOSSED PACKAGE	CIRCUITS
ORDER NO.	
CONNECTOR SERIES No. 504520-****	

REVISED
EC NO: J2016-0153 2015/05/14
DRWN:M SOGAYA
CHKD:
APPR:NUKITA 2015/08/19
DESCRIPTION
REV C

GENERAL TOLERANCES (UNLESS SPECIFIED)

0.25	UNDER			±0.03
0.25	OVER	0.5	UNDER	±0.05
0.5	OVER	1.0	UNDER	±0.1
1.0	OVER	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: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

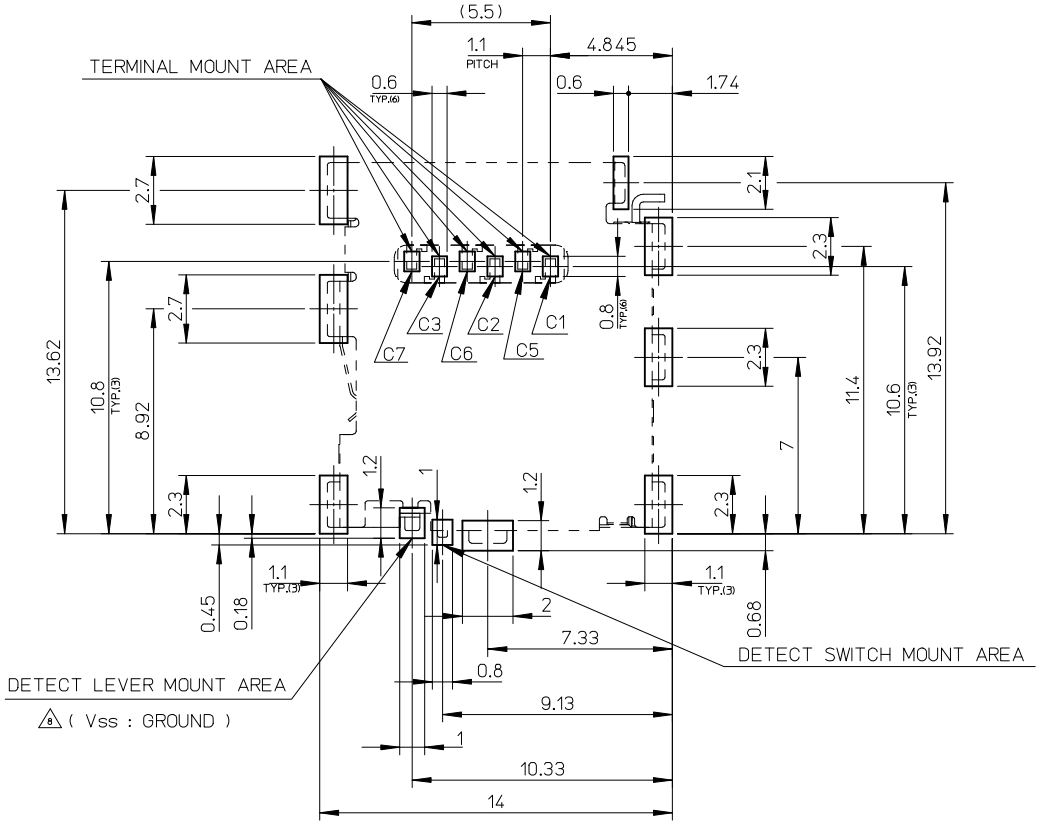
DRAWN BY: MTAKASAKI DATE: 2013/03/05
CHECKED BY: MTOMITA DATE: 2013/03/05
APPROVED BY: NUKITA DATE: 2014/02/21
MATERIAL NO.: SEE CHART

TITLE: NANO SIM CARD CONN. BAR-PUSH TYPE WITH TRAY ASSY

molex

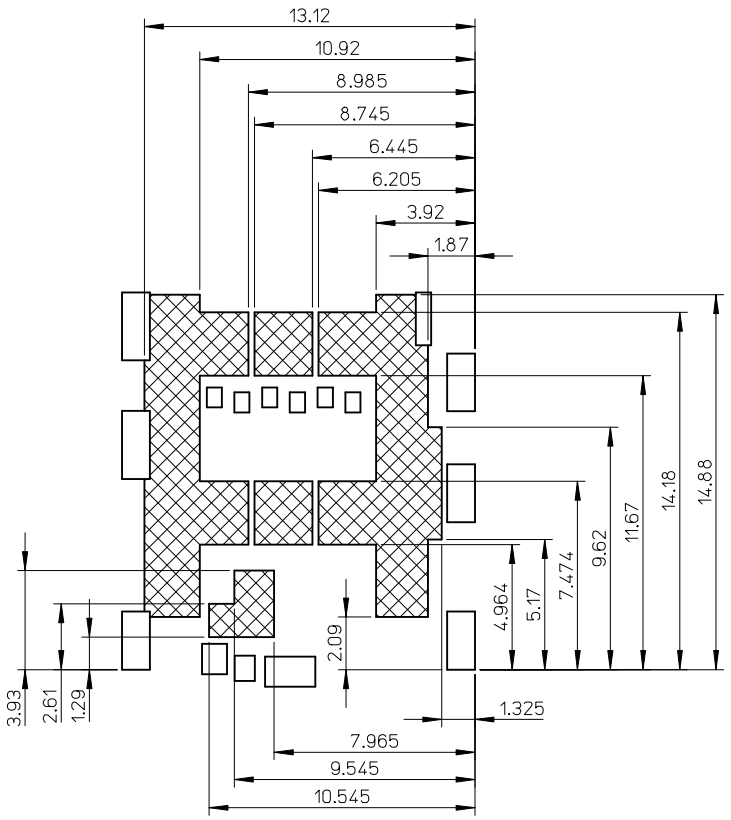
DOCUMENT NO.: SD-504520-001
SHEET NO.: 1 OF 4

SIZE A3



RECOMMENDED P.W.BOARD PATTERN LAYOUT

(TOLERANCE : ±0.05)



3 PATTERN KEEP OUT AREA

(TOLERANCE : ±0.05)

SEE SHEET 1 OF 4

EC NO: J2016-0153 2015/05/14

DRWN:MISOGAYA

CH'KD:

APPR:NUKITA 2015/08/19

DESCRIPTION

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

0.25	UNDER			±0.03
0.25	OVER	0.5	UNDER	±0.05
0.5	OVER	1.0	UNDER	±0.1
1.0	OVER	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: 5:1

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

DRAWN BY: MTAKASAKI DATE: 2013/03/05

CHECKED BY: MTOMITA DATE: 2013/03/05

APPROVED BY: NUKITA DATE: 2014/02/21

MATERIAL NO.: SEE CHART

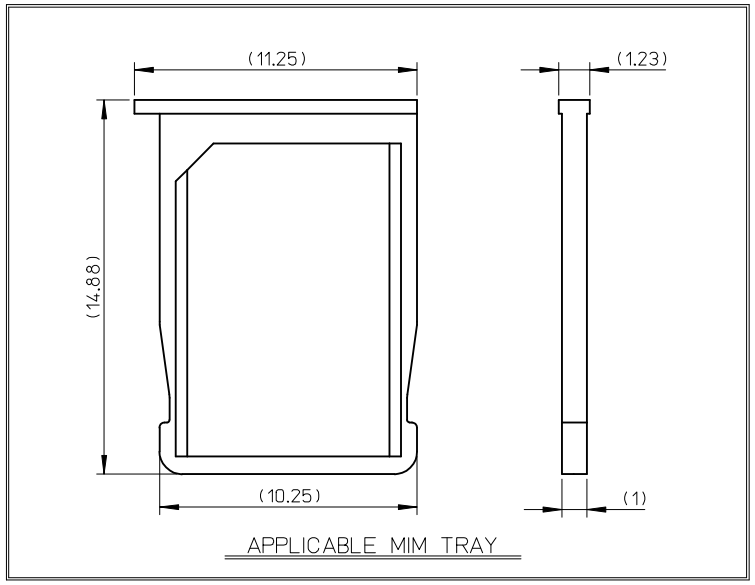
TITLE: NANO SIM CARD CONN. BAR-PUSH TYPE WITH TRAY ASSY

molex

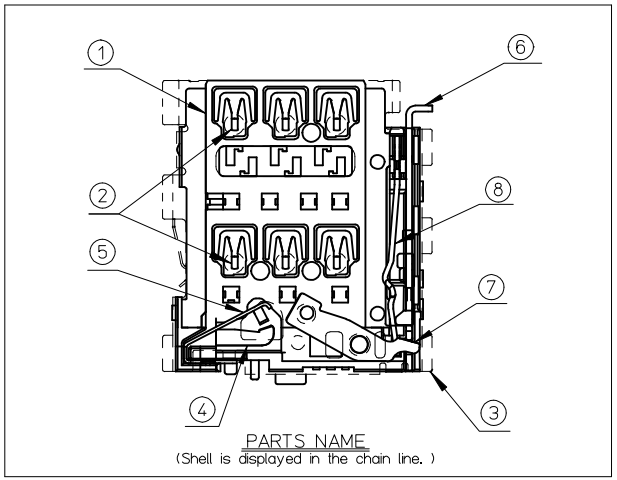
DOCUMENT NO.: SD-504520-001

SHEET NO.: 2 OF 4

SIZE: A3



APPLICABLE MIM TRAY



PARTS NAME
(Shell is displayed in the chain line.)

No.	NAME	MATERIAL	FINISH
①	HOUSING	LIQUID CRYSTAL POLYMER UL94V-0, BLACK	N/A
②	TERMINAL	COPPER ALLOY (C52100 EH)	CONTACT AREA : GOLD 0.2 MICROMETER MINIMUM TAIL AREA : SEPARATED GOLD PLATING 0.02 MICROMETER MINIMUM UNDER PLATING : NICKEL 1.0 MICROMETER MINIMUM
③	SHELL	STAINLESS STEEL (SUS304 3/4H)	NAIL AREA : SEPARATED GOLD PLATING 0.02 MICROMETER MINIMUM UNDER PLATING : NICKEL 1.0 MICROMETER MINIMUM
④	DETECT SWITCH	COPPER ALLOY (C52100 EH)	CONTACT AREA : GOLD 0.2 MICROMETER MINIMUM TAIL AREA : SEPARATED GOLD PLATING 0.02 MICROMETER MINIMUM UNDER PLATING : NICKEL 1.0 MICROMETER MINIMUM
⑤	DETECT LEVER	COPPER ALLOY (C52100 EH)	CONTACT AREA : GOLD 0.2 MICROMETER MINIMUM TAIL AREA : SEPARATED GOLD PLATING 0.02 MICROMETER MINIMUM UNDER PLATING : NICKEL 1.0 MICROMETER MINIMUM
⑥	EJECT BAR	STAINLESS STEEL (SUS304 3/4H)	N/A
⑦	EJECT LEVER	STAINLESS STEEL (SUS304 3/4H)	N/A
⑧	HOOK	STAINLESS STEEL (SUS304 3/4H)	N/A

NOTES :

1. TERMINAL AND NAIL COPLANARITY TO BE 0.08 MAXIMUM. (FROM GUAGE PLANE)
2. DETECT SWITCH FUNCTION

NO TRAY	OPEN
TRAY EJECTED POSITION	OPEN
TRAY MATED POSITION	CLOSE

△3 PATTERN KEEP OUT AREA DIMENSION

4. (DIMENSION) : REFERENCE VALUE (IT IS A NOT A MANAGEMENT DIMENSION)
5. ELV & RoHS COMPLIANT.

△6 LOT NUMBERING

△7 STAND-OFF DIMENSION (STAND-OFF DIMENSION IS INCLUDED IN THE CONNECTOR TOTAL HEIGHT)

△8 DETECT LEVER SHOULD BE GROUND (Vss) BECAUSE ELECTRIC POTENTIAL OF DETECT LEVER MAY BE EQUAL TO IT OF SHELL.

SEE SHEET 1 OF 4
EC NO: J2016-0153 2015/05/14
DRWN:MISOGAYA
CHKD:
APPR:NUKITA 2015/08/19
DESCRIPTION
REV
C

GENERAL TOLERANCES (UNLESS SPECIFIED)

0.25	UNDER			±0.03
0.25	OVER	0.5	UNDER	±0.05
0.5	OVER	1.0	UNDER	±0.1
1.0	OVER	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: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

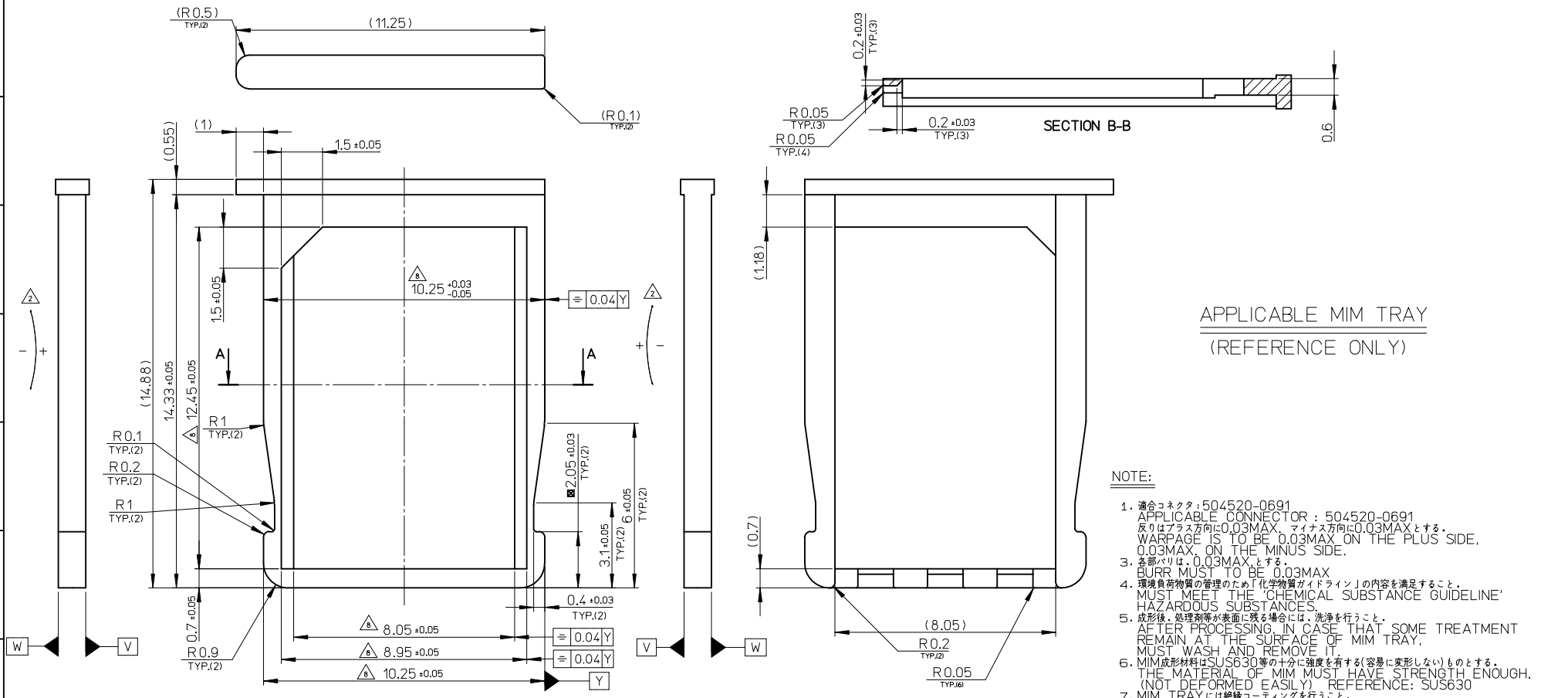
DRAWN BY: MTAKASAKI DATE: 2013/03/05
CHECKED BY: MTOMITA DATE: 2013/03/05
APPROVED BY: NUKITA DATE: 2014/02/21
MATERIAL NO.: SEE SHEET 1 OF 4

TITLE: NANO SIM CARD CONN. BAR-PUSH TYPE WITH TRAY ASSY

molex

DOCUMENT NO.: SD-504520-001
SHEET NO.: 3 OF 4

SIZE A3



APPLICABLE MIM TRAY
(REFERENCE ONLY)

NOTE:

1. 適合コネクタ：504520-0691
   APPLICABLE CONNECTOR : 504520-0691
   反りはプラス方向に0.03MAX、マイナス方向に0.03MAXとする。
   WARPAGE IS TO BE 0.03MAX ON THE PLUS SIDE, 0.03MAX. ON THE MINUS SIDE.
3. 各部バリは、0.03MAXとする。
   BURR MUST TO BE 0.03MAX
4. 環境負荷物質の管理のため「化学物質ガイドライン」の内容を満足すること。
   MUST MEET THE 'CHEMICAL SUBSTANCE GUIDELINE' HAZARDOUS SUBSTANCES.
5. 成形後、処理剤等が表面に残る場合には、洗浄を行うこと。
   AFTER PROCESSING, IN CASE THAT SOME TREATMENT REMAIN AT THE SURFACE OF MIM TRAY, MUST WASH AND REMOVE IT.
6. MIM成形材料はSUS630等の十分に強度を有する(容易に変形しない)ものとする。
   THE MATERIAL OF MIM MUST HAVE STRENGTH ENOUGH. (NOT DEFORMED EASILY) REFERENCE: SUS630
7. MIM TRAYには絶縁コーティングを行うこと。
   MIM TRAY MUST HAVE OVERALL INSULATION COATING OR TREATMENT.
   本寸法は反り、バリを含む。
   INCLUDING WARPAGE AND BURR.
9. W面を基準面(プリズム、平板等)に乗せたとき、基準面からV面までの距離は1.03MAXとする。
   When W datum plane is put on the prism (or flat board, etc), the distance in V datum plane from the prism (or flat board, etc) should be 1.03MAX.

SEE SHEET 1 OF 4
EC NO: J2016-0153 2015/05/14
DRWN:MISOGAYA CH'KD: APPR:NUKITA 2015/08/19
REV: C
DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

0.25	UNDER		±0.03
0.25	OVER 0.5	UNDER	±0.05
0.5	OVER 1.0	UNDER	±0.1
1.0	OVER 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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	10:1	METRIC	

DRAWN BY / DATE	MTAKASAKI 2013/03/05
CHECKED BY / DATE	MTOMITA 2013/03/05
APPROVED BY / DATE	NUKITA 2014/02/21
MATERIAL NO.	SEE SHEET 1 OF 4
TITLE	NANO SIM CARD CONN. BAR-PUSH TYPE WITH TRAY ASSY
DOCUMENT NO.	SD-504520-001
SHEET NO.	4 OF 4
SIZE	A2

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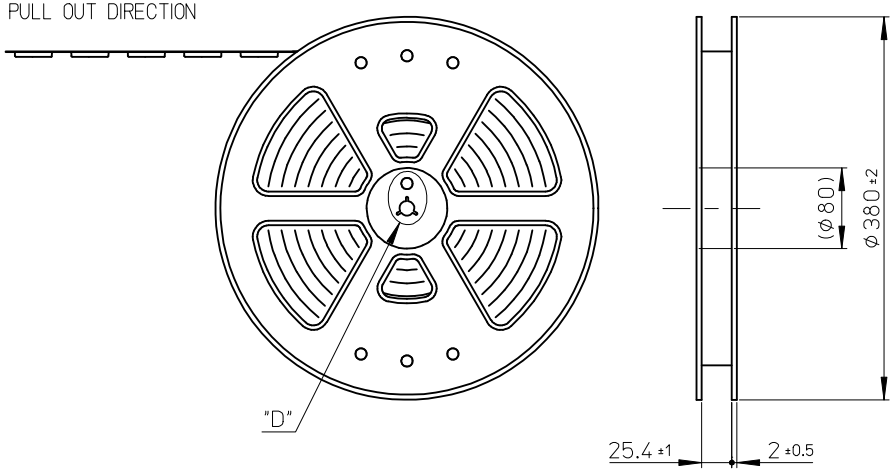
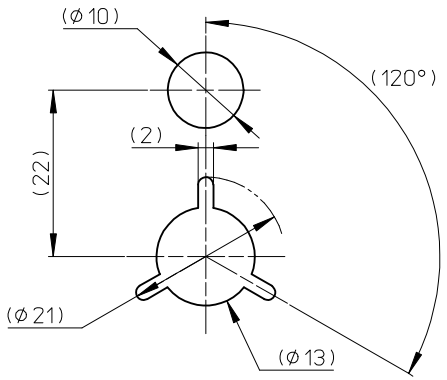
引き出し方向
PULL OUT DIRECTION

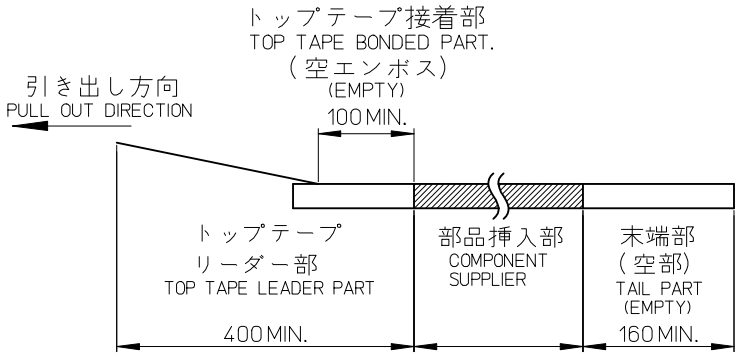




DETAIL "D"

NOTES

1. 製品詳細寸法については、SD 図面を参照下さい。
   RE DETAILED DIMENSION, SEE SALES DRAWING.
2. 梱包数量：1900 個／リール
   NUMBER OF CONNECTORS : 1900 PCS/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については、IEC60286-3に準拠
   TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3
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, PE, PEF
   リール (REEL) : ポリスチレン(PS) ＜リサイクル材含む＞
   POLYSTYRENE (PS)<RECYCLE MATERIAL CONTAINED>

The dimensions are subject to change without notice.
This model has the possiblity of changing.

504520-0691	6
EMBOSSED PACKAGE	極数 CIRCUITS
オーダー番号 ORDER NO.	
CONNECTOR SERIES No. 504520-****	

RELEASED
EC NO: J2014-1272 2014/02/19
DRWN:YMORINAGA 2014/02/19
CH'KD:TKUSUHARA01 2014/02/19
APPR:NUKITA 2014/02/21
DESCRIPTION
REV
A

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

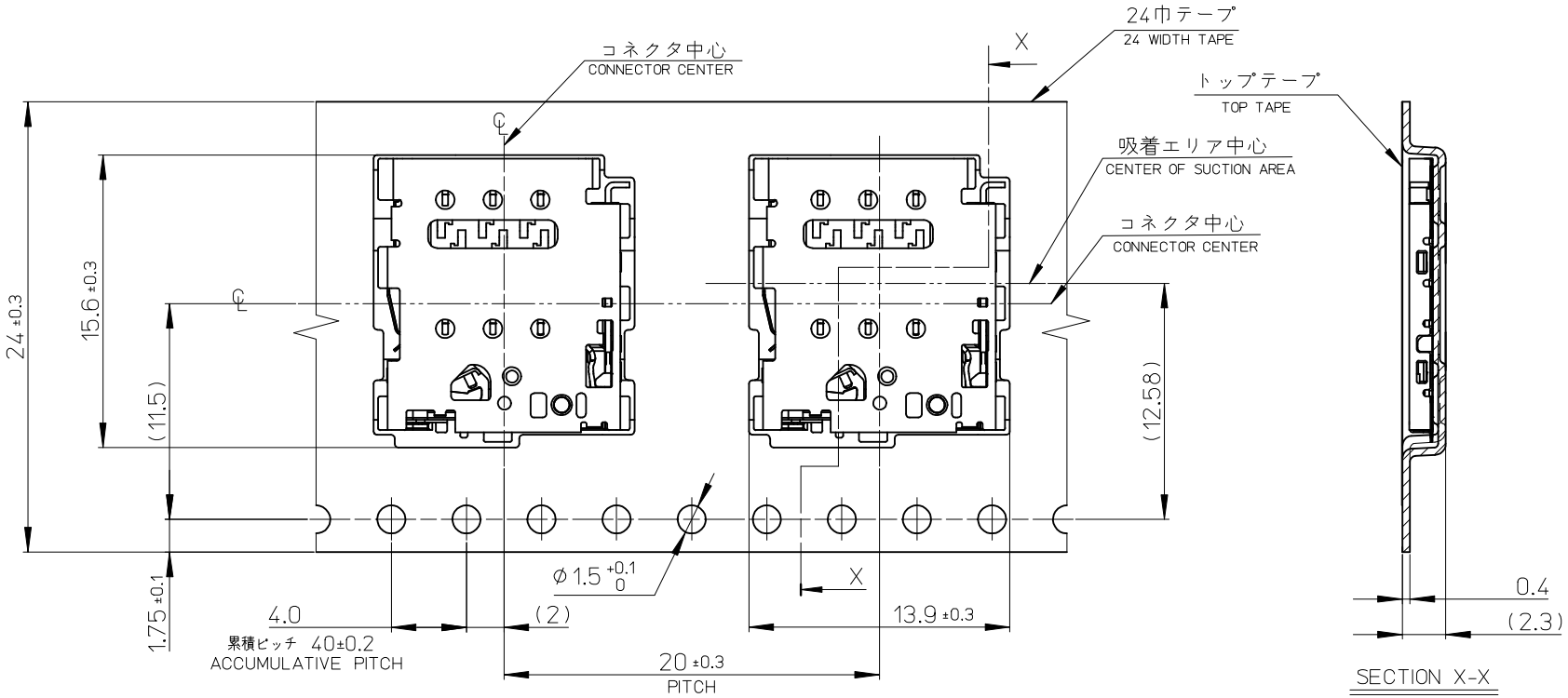
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	YMORINAGA 2014/02/19
CHECKED BY / DATE	TKUSUHARA01 2014/02/19
APPROVED BY / DATE	NUKITA 2014/02/21
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SD-504520-002
SHEET NO.	1 OF 2
SIZE	A3

TITLE: NANO SIM CARD CONN. BAR-PUSH TYPE WITH TRAY EMBOSSED TAPE PACKAGE

molex

CONFIDENTIAL



The dimensions are subject to change without notice.
This model has the possiblity of changing.

SEE SHEET 1 OF 2
EC NO: J2014-1272 2014/02/19
DRWN:YMORINAGA 2014/02/19
CH'KD:TKUSUHARA01 2014/02/19
APPR:NUKITA 2014/02/21
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: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: YMORINAGA DATE: 2014/02/19	TITLE: NANO SIM CARD CONN. BAR-PUSH TYPE WITH TRAY EMBOSSED TAPE PACKAGE		
CHECKED BY: TKUSUHARA01 DATE: 2014/02/19			
APPROVED BY: NUKITA DATE: 2014/02/21	molex		
MATERIAL NO.: SEE SHEET 1 OF 2	DOCUMENT NO.: SD-504520-002	SHEET NO.: 2 OF 2	
SIZE: A3			