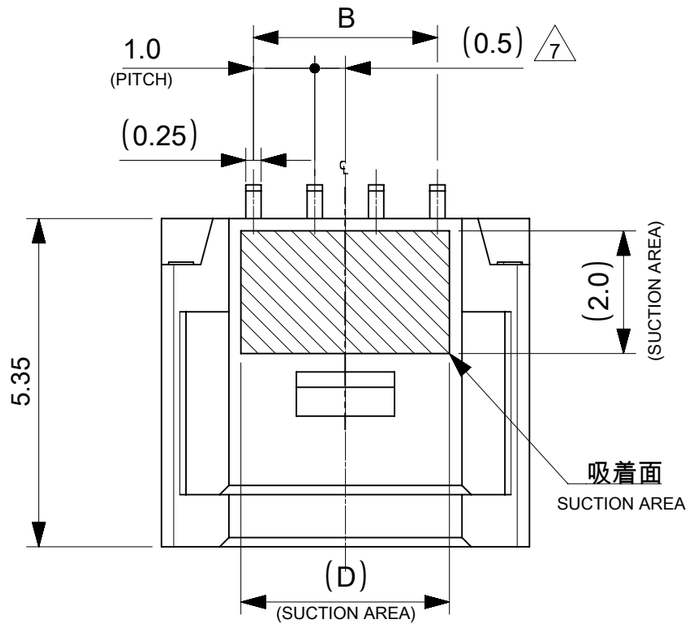
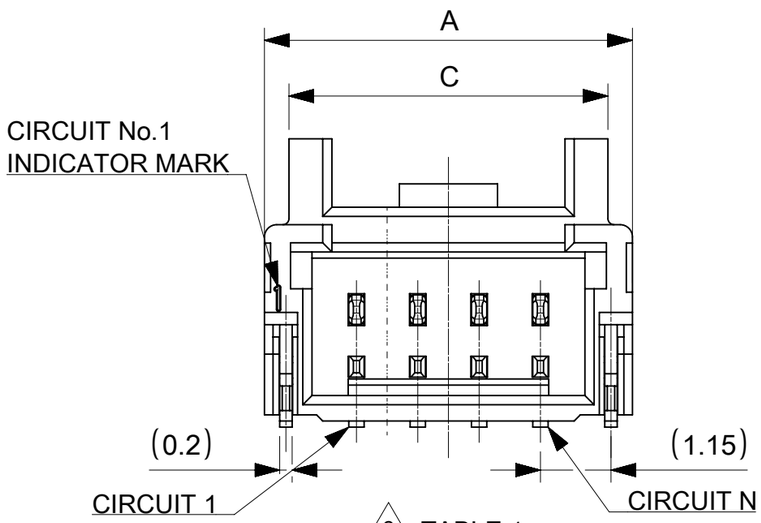
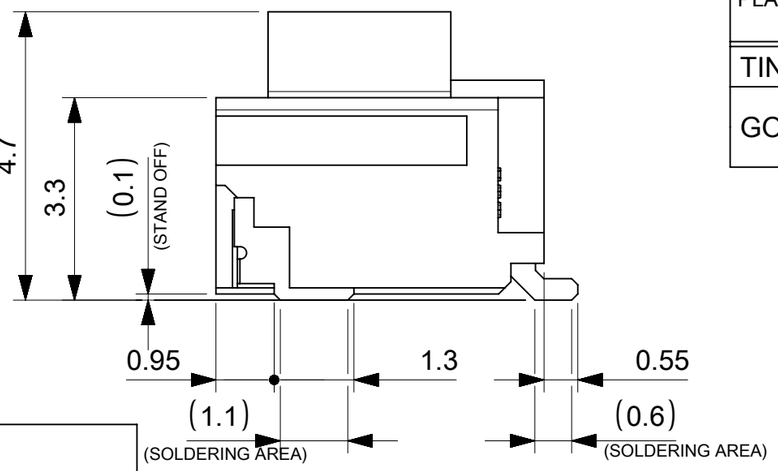




2 TABLE 1



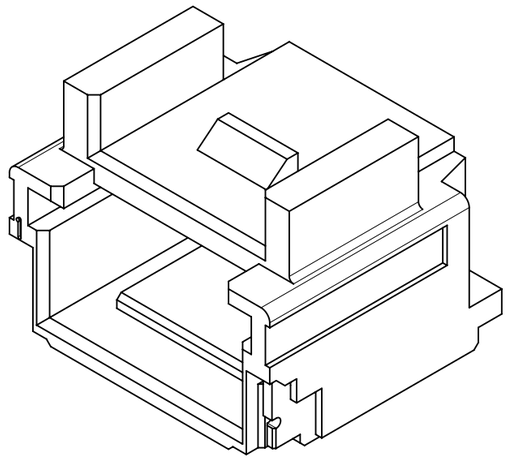
NOTES

1. 材料及び仕上げ(めっき仕様)：TABLE 1 参照
   MATERIAL AND FINISHES : SEE TABLE 1
2. 製品仕様書：5019390000-PS 000
   PRODUCT SPECIFICATION:
3. 梱包形態：SEE SHEET 3
   PACKAGING INFORMATION:
4. 嵌合相手：501939 シリーズ
   MATES WITH:501939 SERIES
5. アプリケーション仕様書(コネクタ取扱い説明書)：5013300000-AS A00(JAPANESE)/-A01(ENGLISH)
   APPLICATION SPECIFICATION(CONNECTOR MANUAL):
6. ソルダーピン及びネイルの平坦度:0.1 MAX.
   SOLDER PIN AND NAIL COPLANARITY: 0.1 MAX.
7. 偶数極に適応
   APPLY FOR EVEN CIRCUIT
8. 本製品は錫めっき品である。金めっき品は以下の図面を御参照下さい。
   THIS PRODUCT IS A TIN PLATING. PLEASE REFER TO THE FOLLOWING DRAWING FOR GOLD PLATING VERSION.

PLATING	PLATING THICKNESS [micro-meter MIN.]	SERIES No.	DRAWING No.
TIN	1.0	501953 **07	5019530000-SD PSD 000
GOLD	0.1	501953 **05	5019530001-SD PSD 000
	0.76	203563 **05	2035630000-SD PSD 000

番号 NO.	部品 PART	材質 MATERIAL	
①	ウエハー WAFER	ポリアミド(PA), UL94V-0, 色：SEE SHEET 5 POLYAMIDE(PA), UL94V-0, COLOR : SEE SHEET 5	
②	ソルダーピン SOLDER PIN	リン青銅 PHOSPHOR BRONZE	
		接点部 CONTACT AREA	金めっき： 0.38 MICRO-METER MIN. GOLD PLATING
		テール部 TAIL AREA	金めっき： 0.05 MICRO-METER MIN. GOLD PLATING
		下地めっき UNDER PLATING	ニッケルめっき：1.27 MICRO-METER MIN. NICKEL
③	ネイル NAIL	黄銅 BRASS	
		テール部 TAIL AREA	錫めっき： 1.0 MICRO-METER MIN. MATTE TIN PLATING
		下地めっき UNDER PLATING	ニッケルめっき：1.0 MICRO-METER MIN. NICKEL

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3.4	5.2	4.0	7.0	5
		3.0	6.0	4
2.4	4.2	2.0	5.0	3
D	C	B	A	極数 CIRCUIT SIZE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 614802
DRWN: AISHIKAWA 2019/04/01
CHK'D: AIDA 2019/04/03
APPR: KOMURAKAMI 2019/04/03

INITIAL REVISION:
DRWN: AISHIKAWA 2019/04/01
APPR: KOMURAKAMI 2019/04/03

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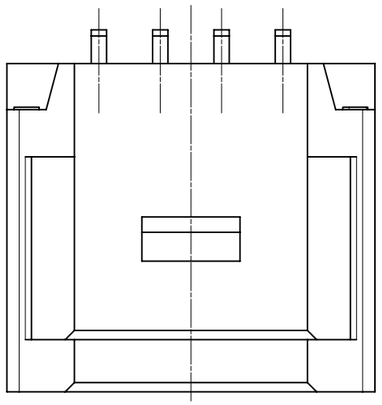
PICO-CLASP 1.0 W/B
SINGLE ROW RA SMT OUTER LOCK GOLD PLATING
0.38 MICRO-METER

PRODUCT CUSTOMER DRAWING

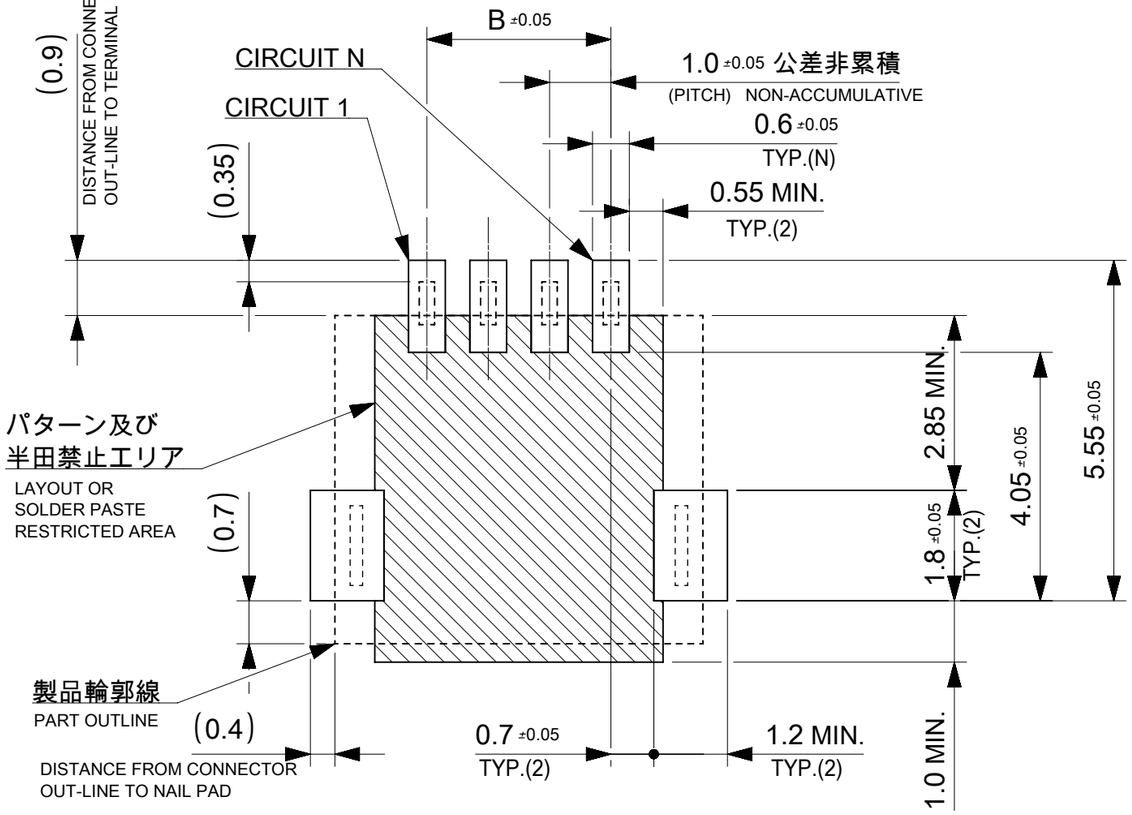
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2035620000-SD	PSD	000	A

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 203562

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 5		1 OF 5



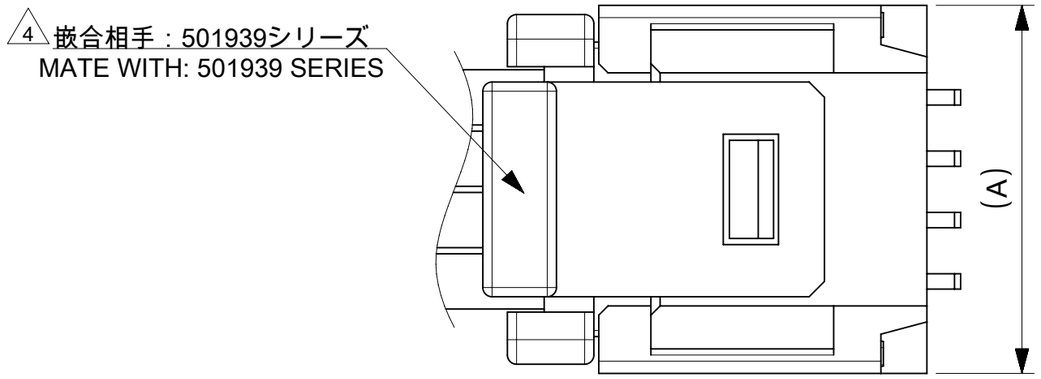
製品レイアウト
PRODUCT LAYOUT

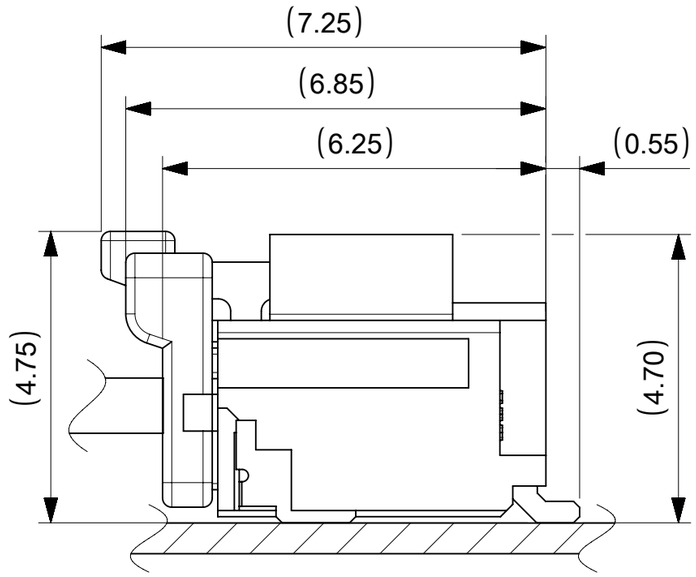


推奨基板レイアウト(全極数適応)：実装面側
(参考：基板厚 1.0mm, メタルマスク厚さ 0.12mm, マスク開口率100%)

POLARIZED RECOMMENDED PCB LAYOUT(APPLY TO ALL CIRCUITS) : COMPONENT SIDE
(REFERENCE: PCB THICKNESS 1.0mm, STENCIL THICKNESS 0.12mmm, APERTURE RATIO 100%)

:パターン禁止エリア
RESTRICTED AREA
NO PCB COMPONENTS ALLOWED





嵌合図
MATED CONNECTORS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3.0 °
4 PLACES	± 0.2
3 PLACES	± 0.2
2 PLACES	± 0.2
1 PLACE	± 0.2
0 PLACES	± 0.2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 614802
DRWN: AISHIKAWA 2019/04/01
CHK'D: AIDA 2019/04/03
APPR: KOMURAKAMI 2019/04/03

INITIAL REVISION:
DRWN: AISHIKAWA 2019/04/01
APPR: KOMURAKAMI 2019/04/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 203562

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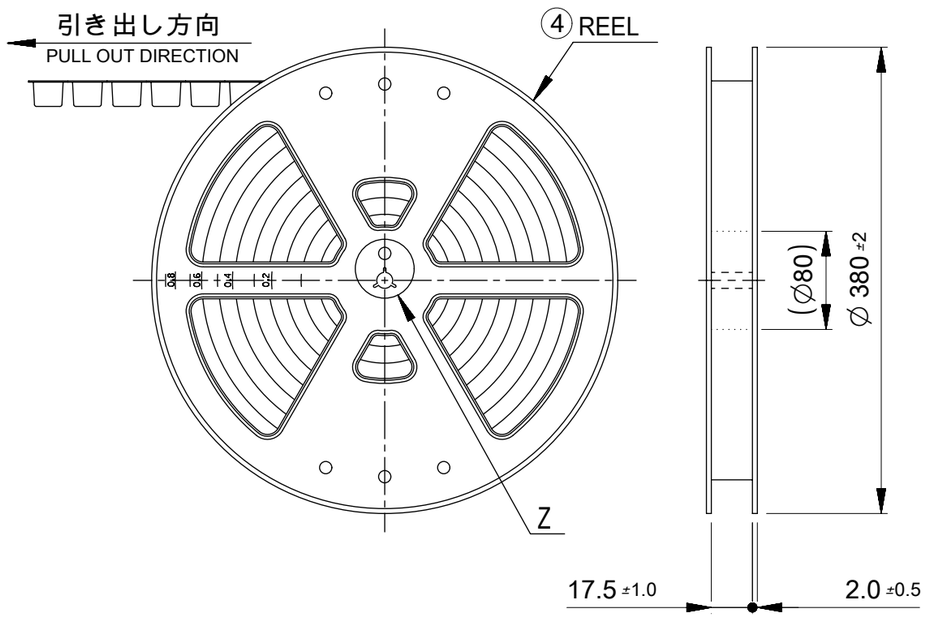
PICO-CLASP 1.0 W/B
SINGLE ROW RA SMT OUTER LOCK GOLD PLATING
0.38 MICRO-METER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2035620000-SD	PSD	000	A

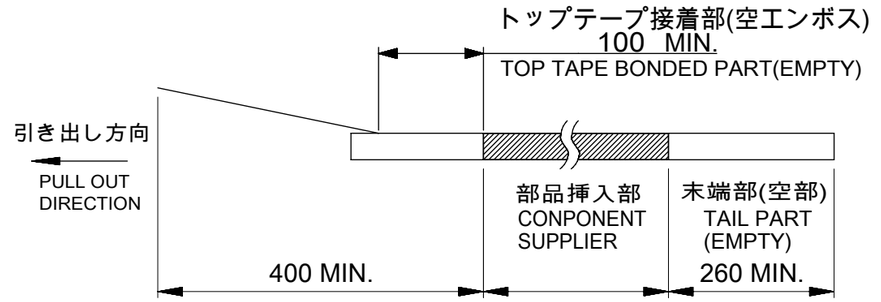
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 5		2 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/03 09:48:41

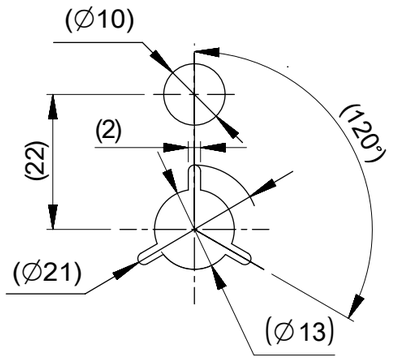


NOTES

9. 梱包数量:1300個/リール
   NUMBER OF CONNECTORS : 1300 PIECES/REEL
10. リードテープ長さ
   LEAD TAPE LENGTH



11. トップテープの剥離強度はIEC60286-3に準拠。
   TOP TAPE PEELING FORCE IS DEFINED BY IEC60286-3.
12. 梱包仕様書：2035629200 PS 200
   PACKAGE SPECIFICATION:
13. 発注番号：SHEET 5 参照
   ORDER No.：PLEASE REFER TO SHEET 5 FOR PRODUCT LIST.



DETAIL Z

203562 ** * *

極数 CIRCUIT SIZE	ハウジングカラー HOUSING COLOR	製品識別番号 IDENTIFICATION NUMBER
	0:NATURAL(BEIGE)	5:EMBOSSED PACKAGE

番号 NO.	部品 PART	材質 MATERIAL
④	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>

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 614802
DRWN: AISHIKAWA 2019/04/01
CHK'D: AIDA 2019/04/03
APPR: KOMURAKAMI 2019/04/03

INITIAL REVISION:
DRWN: AISHIKAWA 2019/04/01
APPR: KOMURAKAMI 2019/04/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 203562

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PICO-CLASP 1.0 W/B
SINGLE ROW RA SMT OUTER LOCK GOLD PLATING
0.38 MICRO-METER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2035620000-SD	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 5		3 OF 5

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

引き出し方向
PULL OUT DIRECTION

12.0 ±0.1

(5.65)

(2.83)

(D) コネクタ中心位置
CENTER OF CONNECTOR

16mm幅テープ
TAPE WIDTH:16mm

Y

X

X

(E)

CIRCUIT 1

Y

(2.0) エンボスポケット中心位置
CENTER OF EMBOSSED POCKET

∅1.5 +0.1 0.0

1.75 ±0.1

累積ピッチ 40 ±0.2
ACUUMLATIVE PITCH:

4.0 ±0.1

⑥ TOP TAPE

CONNECTOR

⑤ CARRIER TAPE

SECTION Y-Y

(6.45)

0.5 ±0.05

(5.1)

(6.1)

SECTION X-X

番号 NO.	部品 PART	材質 MATERIAL
⑤	キャリアテープ CARRIER TAPE	ポリプロピレン(PP)、その他 POLYPROPYLEN(PP), etc
⑥	トップテープ TOP TAPE	ポリエチレン(PE)、その他 POLYETHYLENE(PE), etc

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/03 09:48:41

7.3	7.5		5
6.3			4
5.3			3
E	コネクタ中心位置 D SENTER OF CONNECTOR		極数 CIRCUIT SIZE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 614802
DRWN: AISHIKAWA 2019/04/01
CHK'D: AIDA 2019/04/03
APPR: KOMURAKAMI 2019/04/03

INITIAL REVISION:
DRWN: AISHIKAWA 2019/04/01
APPR: KOMURAKAMI 2019/04/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 203562

molex

PICO-CLASP 1.0 W/B
SINGLE ROW RA SMT OUTER LOCK GOLD PLATING
0.38 MICRO-METER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2035620000-SD	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 5		4 OF 5

FORMAT: master-lb-prod-A3
REVISION: H
DATE: 2018/01/18

13 製品一覧 PRODUCT LIST

HOUSING COLOR	
NATURAL(BEIGE)	
203562 0505	5
203562 0405	4
203562 0305	3
発注番号 ORDER No.	極数 CIRCUIT SIZE
梱包形態：エンボスリール PACKAGE:EMBOSSED REEL	

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
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1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 614802
DRWN: AISHIKAWA 2019/04/01
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INITIAL REVISION:
DRWN: AISHIKAWA 2019/04/01
APPR: KOMURAKAMI 2019/04/03

molex

PICO-CLASP 1.0 W/B
SINGLE ROW RA SMT OUTER LOCK GOLD PLATING
0.38 MICRO-METER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2035620000-SD	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	203562	SEE SHEET 5		5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/03 09:48:41

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18