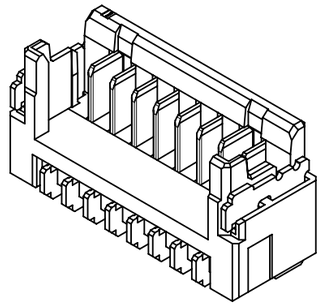
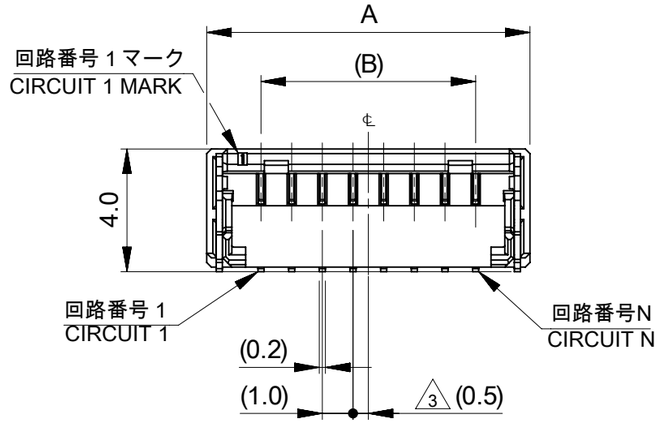
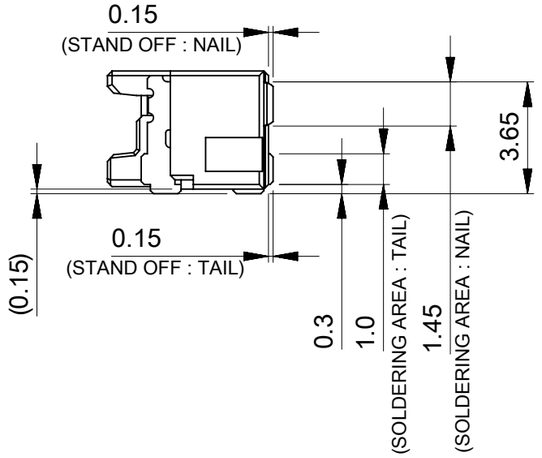
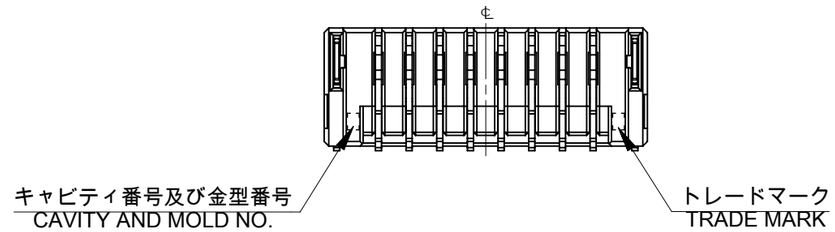
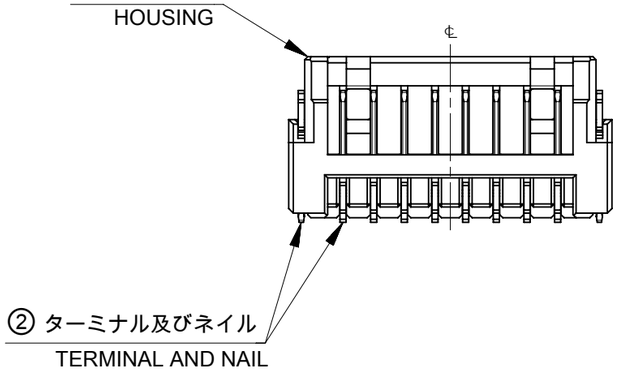












注記 NOTE

△1 材料及び仕上げ (めっき仕様) : TABLE 1 参照
MATERIAL AND FINISHED (PLATING SPECIFICATION) : SEE TABLE 1

△2 嵌合相手 : 214092 シリーズ
MATE WITH: 214092 SERIES

△3 偶数極 に適用
APPLY FOR EVEN CIRCUIT.

4. ターミナルとネイルの平坦度は0.1mm以下
TERMINAL AND NAIL COPLANARITY : 0.1mm MAXIMUM

5. 製品仕様書 : 2140920000-PS 000
PRODUCT SPECIFICATION : 2140920000-PS 000

6. アプリケーション仕様書 : 2166940000-AS 000
APPLICATION SPECIFICATION : 2166940000-AS 000

△7 発注番号 : SHEET 5の製品一覧を参照ください
ORDER NO. : REFER TO SHEET 5 FOR PRODUCT LIST

△1 TABLE 1

番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	ポリアミド(PA),ガラス充填,UL94 V-0,色 : 黒 POLYAMIDE (PA),GLASS FILLED,UL94 V-0,COLOR:BLACK
②	ターミナル及びネイル TERMINAL AND NAIL	黄銅 BRASS
		錫めっき : 1.0 MICROMETER MINIMUM MATTE TIN PLATING
		ニッケルめっき(下地全面) : 1.0 MICROMETER MINIMUM NICKEL (UNDER-PLATING OVERALL)

214094 0 0 * 0

極数
CIRCUIT SIZE

9.52	7.0	10.54	8
8.52	6.0	9.54	7
7.52	5.0	8.54	6
6.52	4.0	7.54	5
5.52	3.0	6.54	4
4.52	2.0	5.54	3
3.52	1.0	4.54	2
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: 688260
DRWN: AISHIKAWA 2021/07/19
CHK'D: AIDA 2021/12/13
APPR: SAKIYAMA 2021/12/13

INITIAL REVISION:
DRWN: AISHIKAWA 2021/07/19
APPR: SAKIYAMA 2021/12/13

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 214094

molex

ONEBLADE1.0 WTB
SINGLE ROW VERTICAL SMT HEADER ASSEMBLY
TIN PLATING

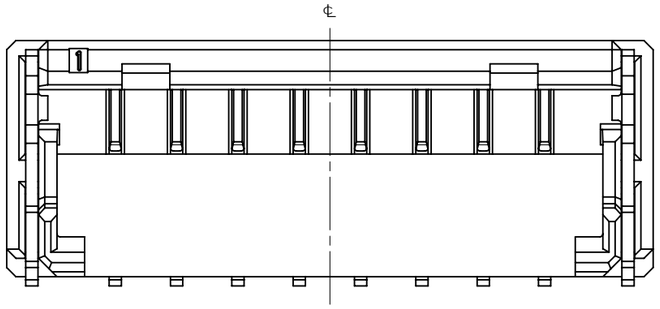
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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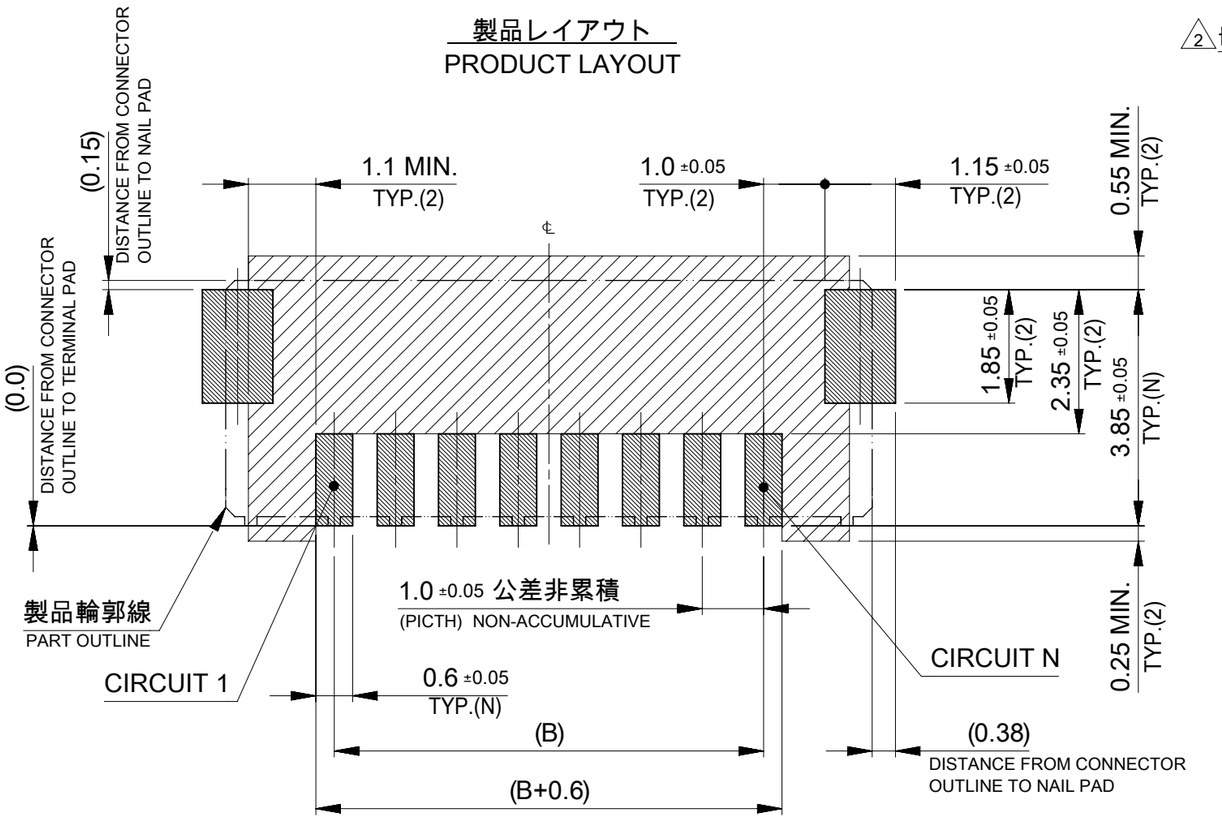
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 5	GENERAL	1 OF 5

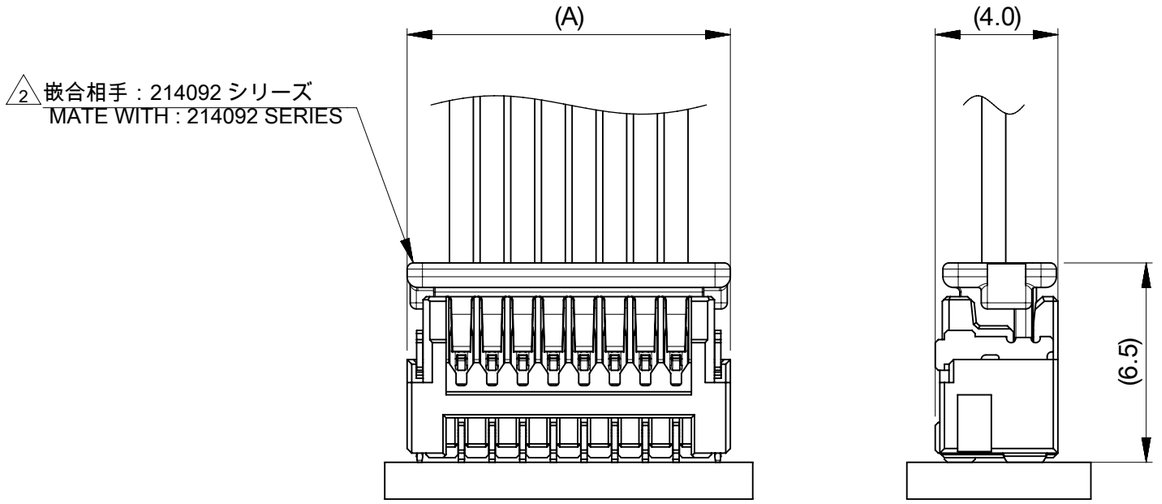
DOCUMENT STATUS	P1	RELEASE DATE	2021/12/13 10:05:06

FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01



製品レイアウト
PRODUCT LAYOUT





嵌合状態図
MATED CONNECTORS

推奨基板レイアウト:実装面側
（参考：基板厚1.2mm, メタルマスク厚0.1~0.12mm, マスク開口率100％）
SUGGESTED PCB LAYOUT : COMPONENT SIDE
(REFERENCE: PCB THICKNESS 1.2mm, STENCIL THICKNESS 0.1~0.12mm, APERTURE RATIO 100%)

:パターン非推奨エリア
パターンを引き回す際は、製品機能に影響がないことをご確認ください。
PATTERN IS NOT RECOMMENDED ON THE HATCHING AREA
PLEASE CHECK NOT TO HAVE PROBLEM FOR PRODUCT FUNCTION
WHEN SETTING PATTERN ON THE HATCHING AREA.

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: 688260
DRWN: AISHIKAWA 2021/07/19
CHK'D: AIDA 2021/12/13
APPR: SAKIYAMA 2021/12/13

INITIAL REVISION:
DRWN: AISHIKAWA 2021/07/19
APPR: SAKIYAMA 2021/12/13

molex

ONEBLADE1.0 WTB
SINGLE ROW VERTICAL SMT HEADER ASSEMBLY
TIN PLATING

PRODUCT CUSTOMER DRAWING

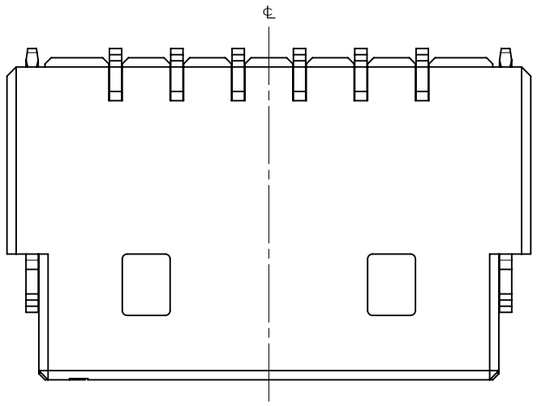
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2140940000-SD	PSD	000	A

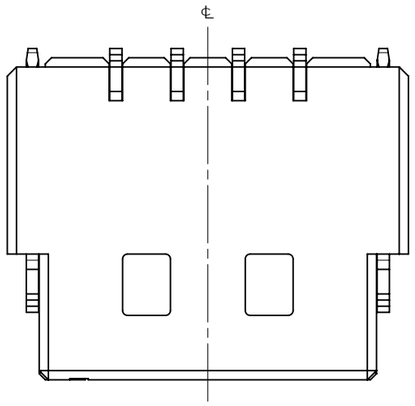
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	214094	SEE SHEET 5	GENERAL	2 OF 5

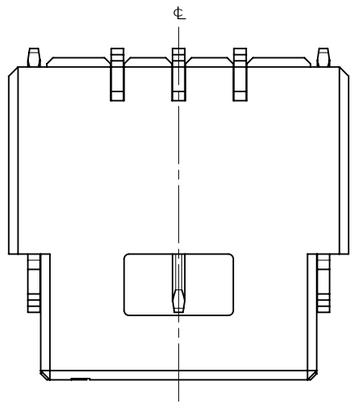
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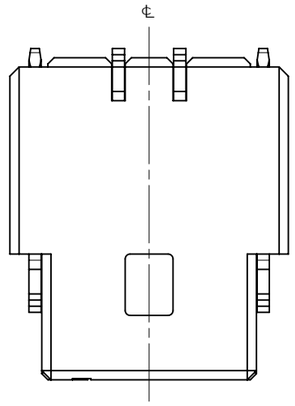
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REVISION: J1
DATE: 2021/05/01

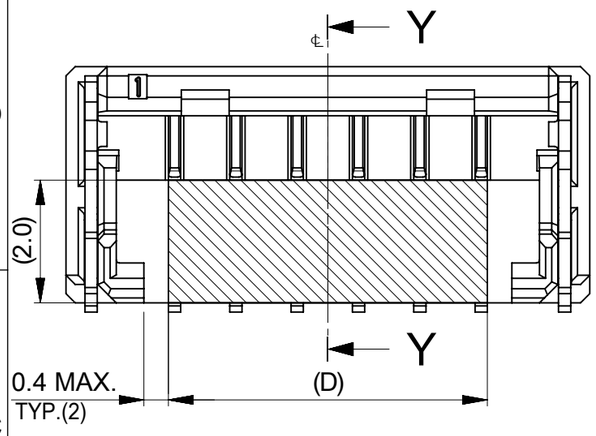
製品形状及び吸着エリア
PRODUCT SHAPE AND SUCTION AREA



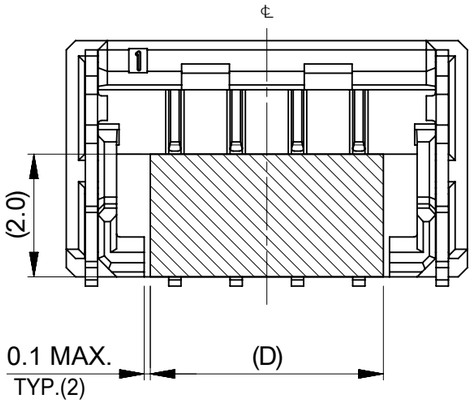




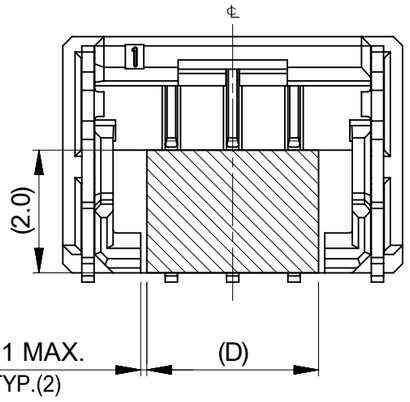




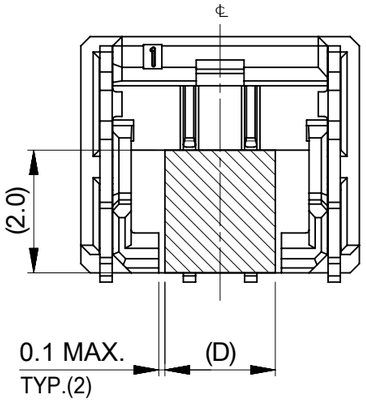
6 ~ 8極形状(2 ロック)
VIEW OF 6~8 CIRCUIT(2 LOCKS)



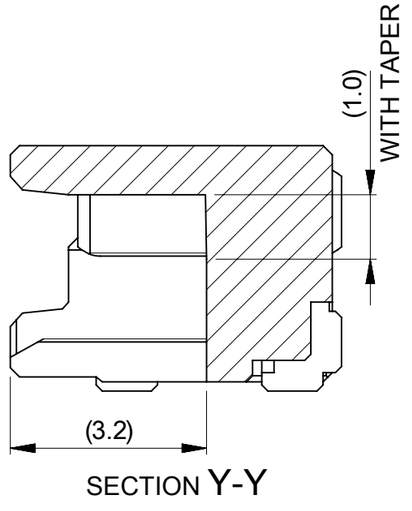
4 ~ 5極形状(2 ロック)
VIEW OF 4~5 CIRCUIT(2 LOCKS)



3極形状(1 ロック)
VIEW OF 3 CIRCUIT(1 LOCK)

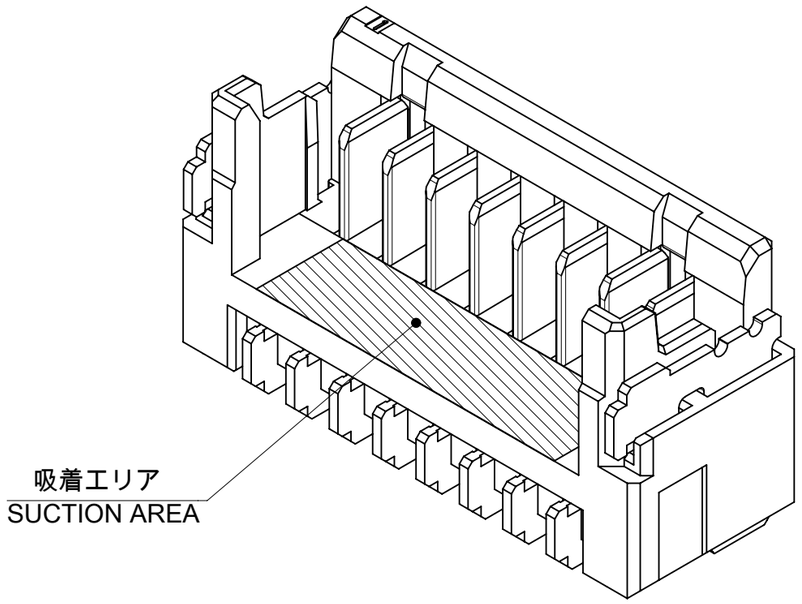


2極形状(1ロック)
VIEW OF 2 CIRCUIT(1 LOCK)



SECTION Y-Y

全極共通
APPLY TO ALL CIRCUITS



7.2	8
6.2	7
5.2	6
4.8	5
3.8	4
2.8	3
1.8	2
D	極数 CIRCUIT SIZE

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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: 688260
DRWN: AISHIKAWA 2021/07/19
CHK'D: AIDA 2021/12/13
APPR: SAKIYAMA 2021/12/13

INITIAL REVISION:
DRWN: AISHIKAWA 2021/07/19
APPR: SAKIYAMA 2021/12/13

molex

ONEBLADE1.0 WTB
SINGLE ROW VERTICAL SMT HEADER ASSEMBLY
TIN PLATING

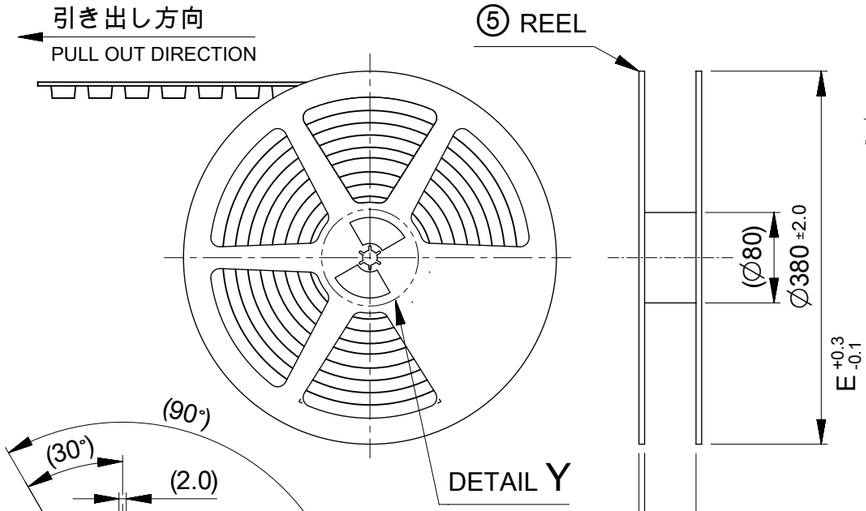
PRODUCT CUSTOMER DRAWING

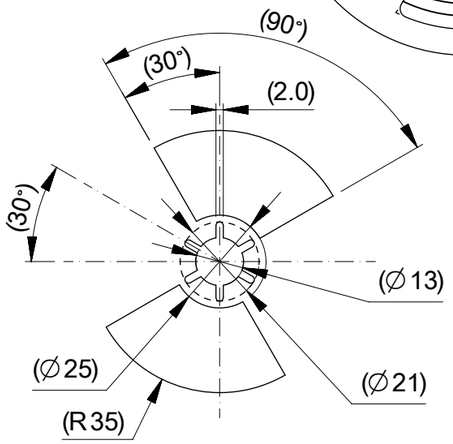
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2140940000-SD	PSD	000	A

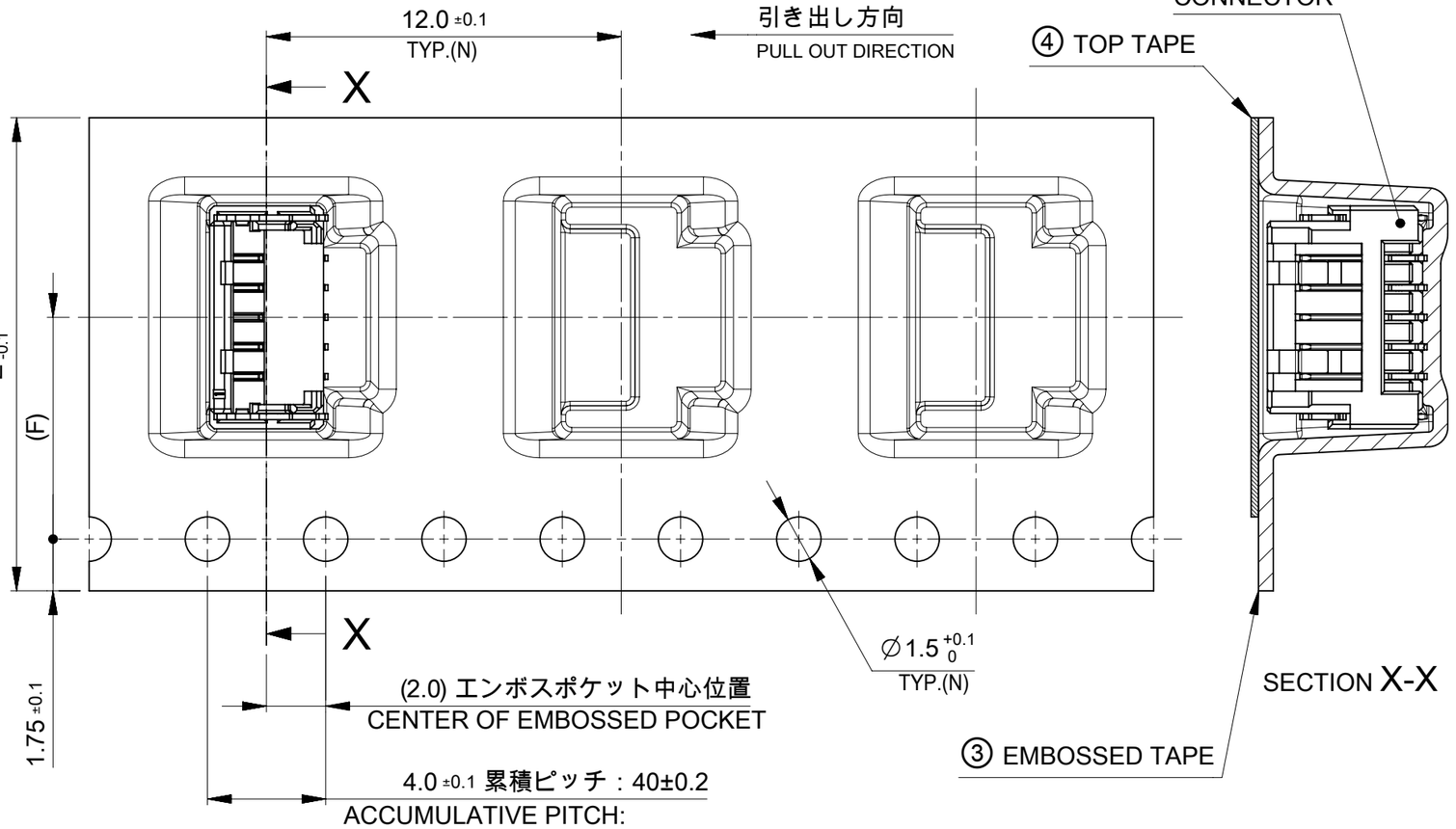
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	214094	SEE SHEET 5	GENERAL	3 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/13 10:05:06

FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01

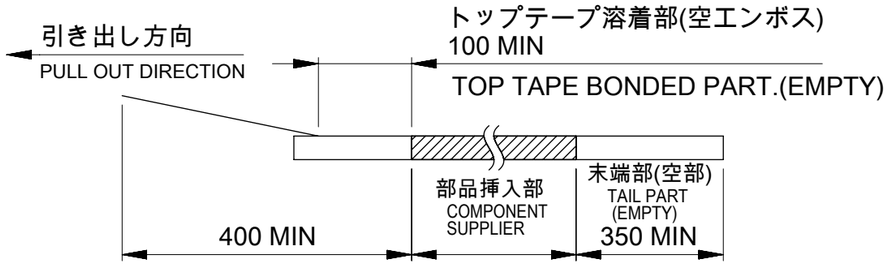






注記：
NOTES :

8. 梱包数量：1,200個/リール
   NUMBER OF CONNECTORS：1,200 PIECES/REEL
9. リードテープ長さ
   LEAD TAPE LENGTH
10. 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.
11. 梱包仕様書：2140949200-SPK 200
    PACKAGING SPECIFICATION：2140949200-SPK 200



番号 No.	部品 PART	材質 MATERIAL
③	エンボステープ EMBOSSED TAPE	ポリスチレン(PS),その他 POLYSTYRENE(PS),etc
④	トップテープ TOP TAPE	ポリエチレン(PE),その他 POLYETHYLENE(PE),etc
⑤	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 >

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/13 10:05:06

25.5	11.5	24	8
			7
			6
17.5	7.5	16	5
			4
			3
			2
G	コネクタ中心位置 F CENTER OF CONNECTOR	エンボステープ幅 E WIDTH OF TAPE	極数 CIRCUIT SIZE

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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: 688260
DRWN: AISHIKAWA 2021/07/19
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APPR: SAKIYAMA 2021/12/13

INITIAL REVISION:
DRWN: AISHIKAWA 2021/07/19
APPR: SAKIYAMA 2021/12/13

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 214094

molex

ONEBLADE1.0 WTB
SINGLE ROW VERTICAL SMT HEADER ASSEMBLY
TIN PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2140940000-SD	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 5	GENERAL	4 OF 5

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

△7 発注番号一覧
ORDER NUMBER LIST

黒 BLACK	ハウジング色 HOUSING COLOR
214094 0080	8
214094 0070	7
214094 0060	6
214094 0050	5
214094 0040	4
214094 0030	3
214094 0020	2
発注番号　ORDER No. 梱包形態：エンボスリール PACKAGE:EMBOSSED REEL	極数 CIRCUIT SIZE

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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

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EC NO: 688260
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molex

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SINGLE ROW VERTICAL SMT HEADER ASSEMBLY
TIN PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2140940000-SD	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	214094	SEE SHEET 5	GENERAL	5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/13 10:05:06

FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01

Unikeyic Electronics

Global Electronic Components Distributor

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molex:

0436802002 190990010 0190700155 190730231 459705185 759001161 152670251 152670269
760475001 0436400901 151660057 152670357 190990009 447691602 190670071 430450225
447641402 0190690033 397730002 444280402 5046940301 152660117 190690096 398800403
417920538 430451220 436803002 439151216 151670255 447642001