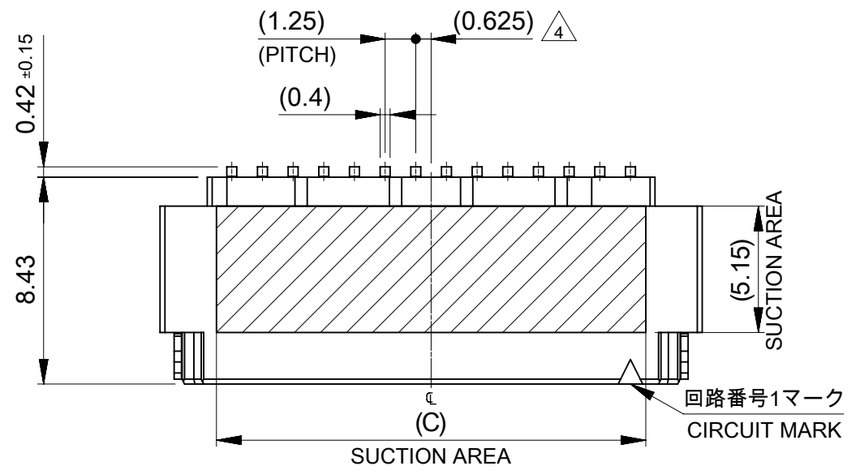
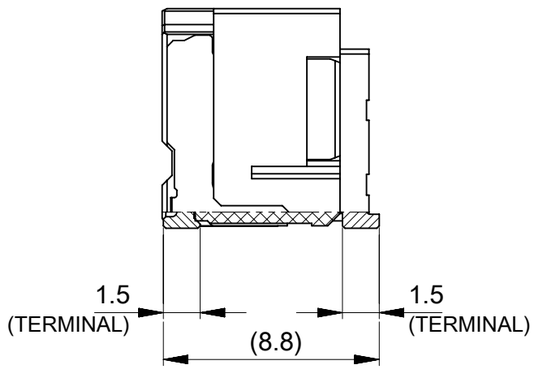
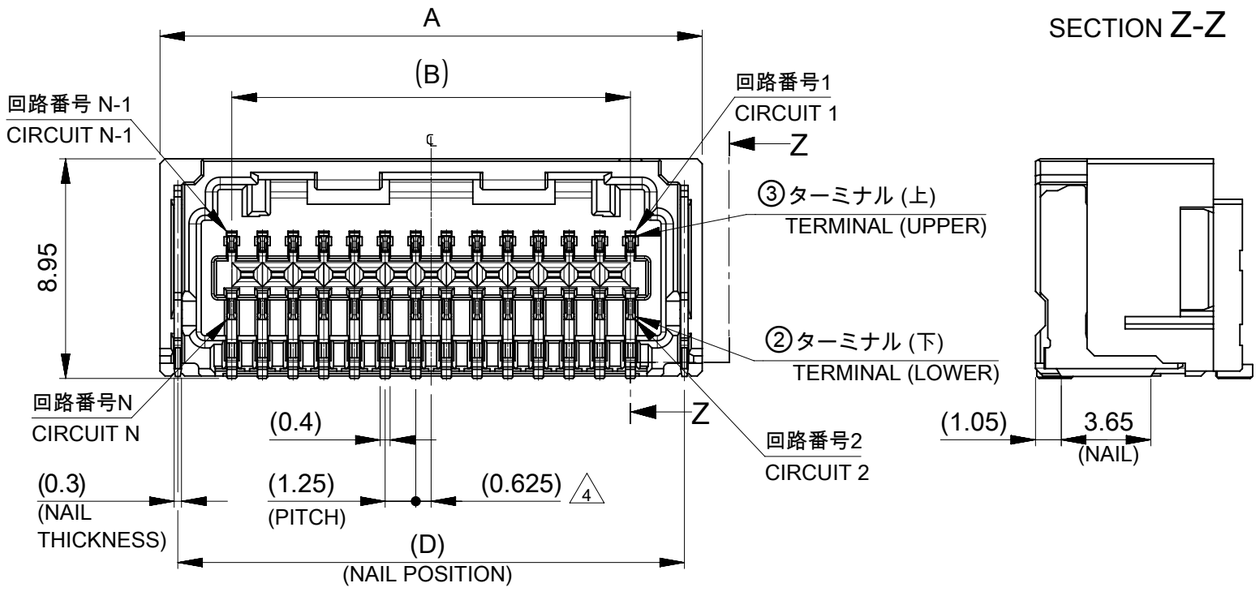
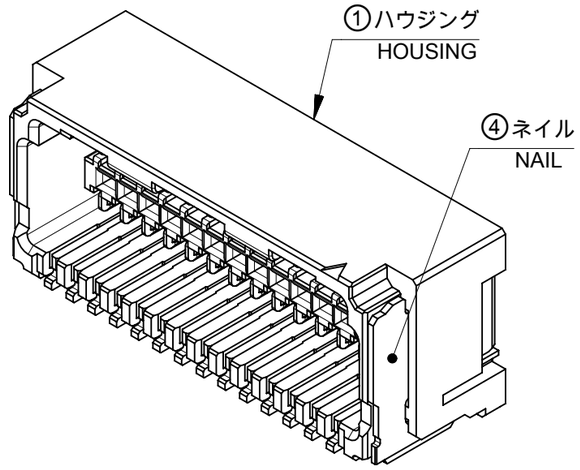




SECTION Z-Z





△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), UL94V-0, 色：SHEET 4参照 POLYAMIDE(PA), UL94V-0, COLOR : SEE SHEET 4
② ③	ターミナル TERMINAL	黄銅 BRASS
		接点部：金めっき めっき厚は注記5参照 CONTACT : GOLD PLATING PLATING THICKNESS : SEE NOTE 5.
		ニッケルめっき(下地めっき): 2.0 MICROMETER MINIMUM NICKEL PLATING (UNDER PLATING)
④	ネイル NAIL	黄銅 BRASS
		錫ビスマスめっき：1.0 MICROMETER MINIMUM TIN-BISMUTH PLATING
		ニッケルめっき(下地めっき): 1.0 MICROMETER MINIMUM NICKEL PLATING (UNDER PLATING)

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/15 07:11:21

注記 NOTES

△1 材料及び仕上げ(めっき仕様)：TABLE 1, TABLE2 参照
MATERIAL AND FINISHES(PLATING SPECIFICATION) : SEE TABLE 1, TABLE2.

△2 嵌合相手：204523シリーズ
MATE WITH : 204523 SERIES

3. 端子テール部 及び ネイルの平坦度：0.12 MAXIMUM
TAIL AND NAIL COPLANARITY TO BE 0.12 MAXIMUM

△4 極数 / 2 = 偶数に適合
APPLY TO CIRCUIT SIZE / 2 = EVEN

△5 発注番号：SHEET 4 参照
ORDER NUMBER : PLEASE REFER TO SHEET 4

204519 ** * *

極数 CIRCUIT SIZE

番号 NO.	接点部 金めっき厚 CONTACT GOLD PLATING THICKNESS [MICROMETER MINIMUM]
9	0.1
3	0.38
5	0.76

NO.	ハウジングカラー HOUSING COLOR
0	ナチュラル（白） NATURAL(WHITE)
1	黒 BLACK

6. コネクタ取扱説明書：5054320000-AS PS 000
APPLICATION SPECIFICATION : 5054320000-AS PS 000

7. 製品仕様書：2045230002-PS PS 000
PRODUCT SPECIFICATION : 2045230002-PS PS 000

29.4	26.25	25	30.85	42
28.15	25	23.75	29.6	40
26.9	23.75	22.5	28.35	38
25.65	22.5	21.25	27.1	36
24.4	21.25	20	25.85	34
23.15	20	18.75	24.6	32
21.9	18.75	17.5	23.35	30
20.65	17.5	16.25	22.1	28
19.4	16.25	15	20.85	26
18.15	15	13.75	19.6	24
16.9	13.75	12.5	18.35	22
15.65	12.5	11.25	17.1	20
14.4	11.25	10	15.85	18
13.15	10	8.75	14.6	16
11.9	8.75	7.5	13.35	14
10.65	7.5	6.25	12.1	12
9.4	6.25	5	10.85	10
8.15	5	3.75	9.6	8
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: 761705
DRWN: SOKUMURA01 2023/09/07
CHK'D: SAKIYAMA 2023/09/15
APPR: AIDA 2023/09/15

INITIAL REVISION:
DRWN: RTANAKA02 2021/02/15
APPR: AIDA 2022/11/30

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 204519

molex

MICRO-LOCK PLUS 1.25 W/B
DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY
LOW-HALOGEN GOLD-PLATING

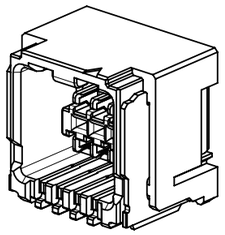
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2045190002-SD	PSD	000	C

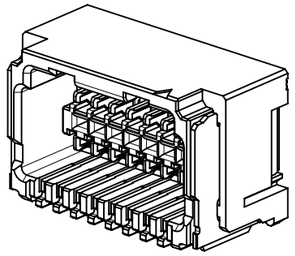
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 4	GENERAL	1 OF 4

FORMAT: master-dynamic-A3
DATE: 2021/02/01
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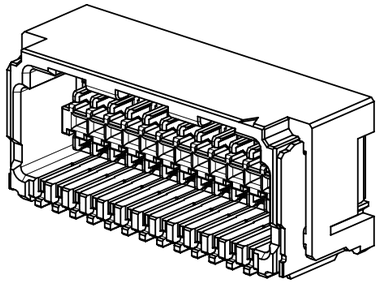
製品形状
PRODUCT SHAPE



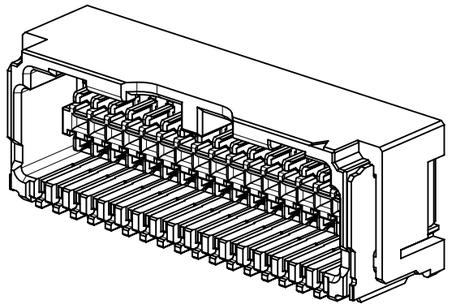
8-14極
8-14 CIRCUIT



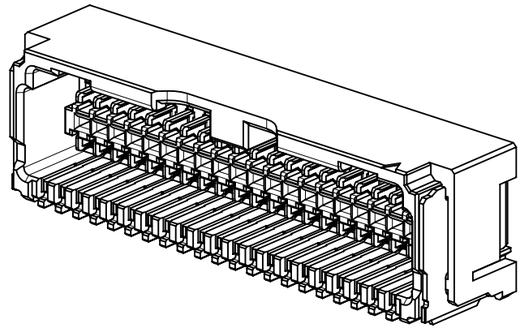
16-24極
16-24 CIRCUIT



26-32極
26-32 CIRCUIT

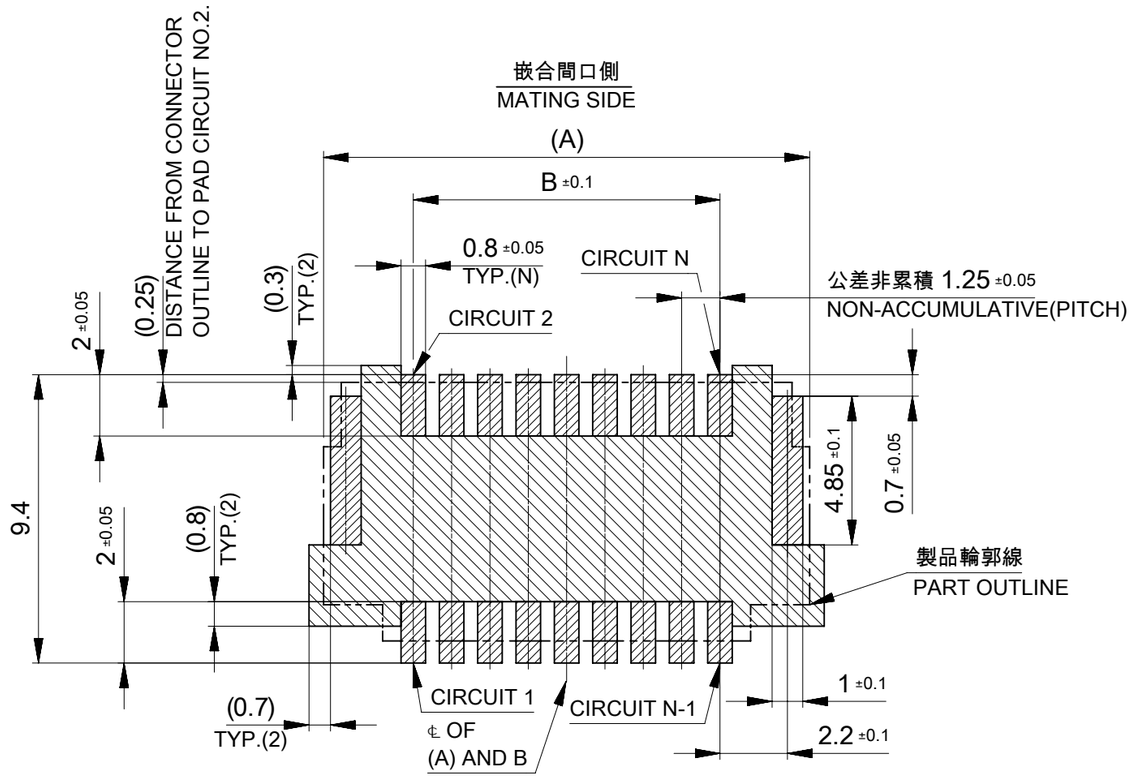


34-40極
34-40 CIRCUIT



42極
42 CIRCUIT

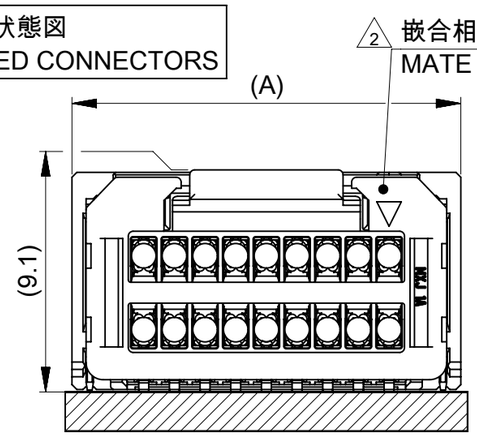
基板パターンレイアウト
PCB PATTERN LAYOUT



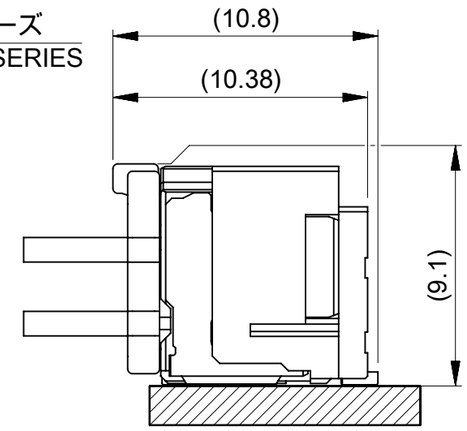
基板パターンレイアウト (参考)
(参考 : 基板厚 1.6mm, メタルマスク厚さ 0.15mm, マスク開口率 100%)
RECOMMEND PCB LAYOUT : COMPONENT SIDE
(REFERENCE : PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)

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

嵌合状態図
MATED CONNECTORS



△2 嵌合相手 : 204523シリーズ
MATE WITH : 204523 SERIES



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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: 761705
DRWN: SOKUMURA01 2023/09/07
CHK'D: SAKIYAMA 2023/09/15
APPR: AIDA 2023/09/15

INITIAL REVISION:
DRWN: RTANAKA02 2021/02/15
APPR: AIDA 2022/11/30

molex

MICRO-LOCK PLUS 1.25 W/B
DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY
LOW-HALOGEN GOLD-PLATING

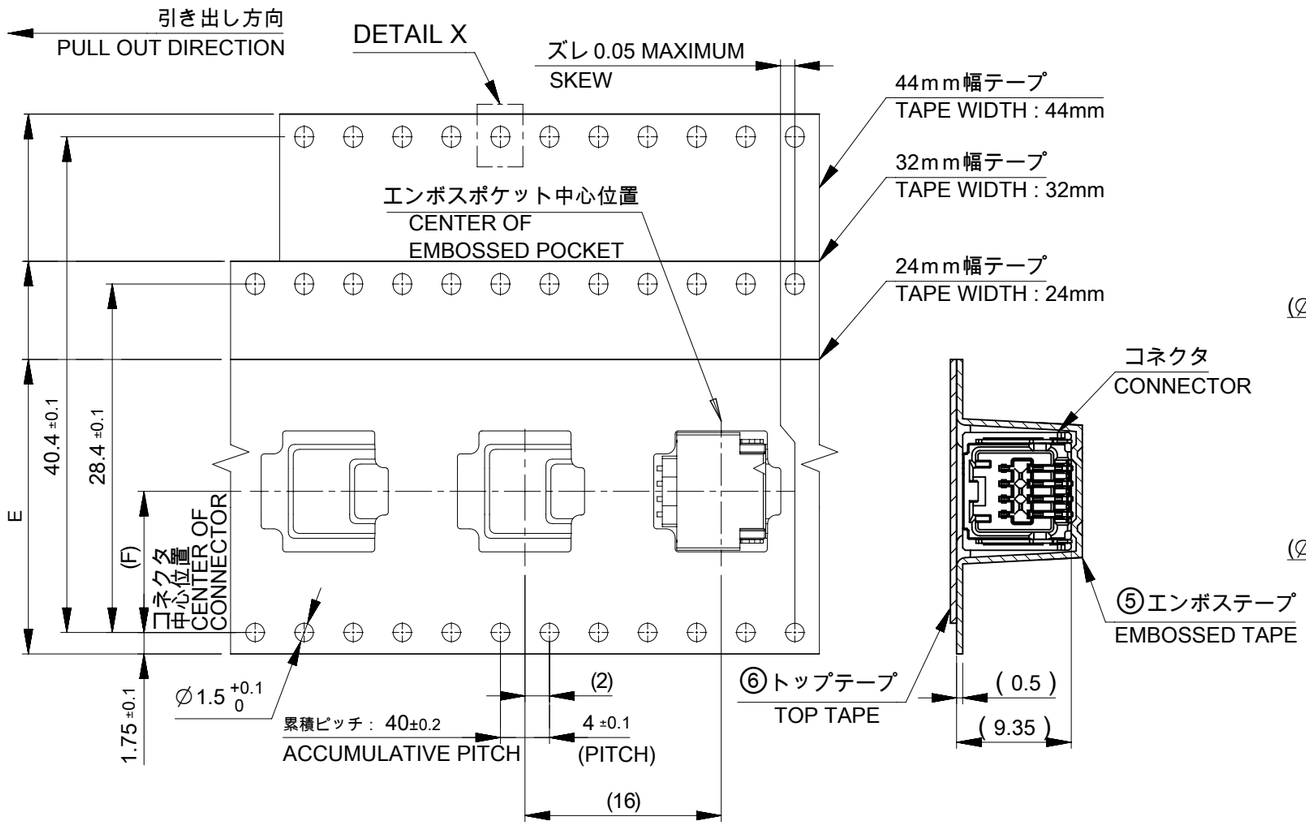
PRODUCT CUSTOMER DRAWING

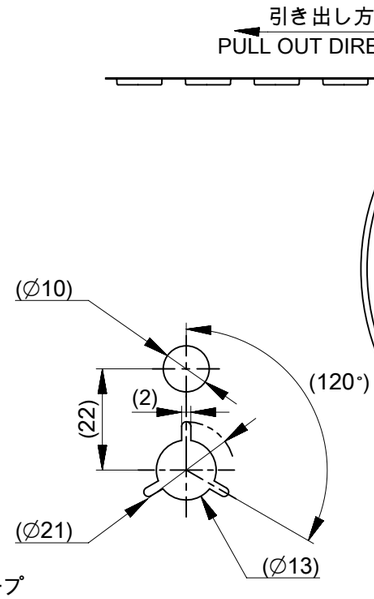
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2045190002-SD	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	204519	SEE SHEET 4	GENERAL	2 OF 4

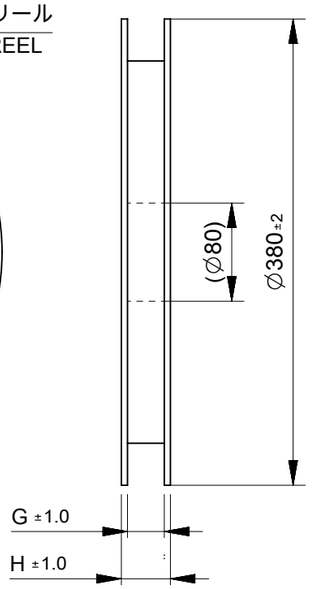
DOCUMENT STATUS	P1	RELEASE DATE	2023/09/15 07:11:21

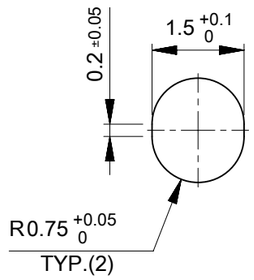
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DETAIL W

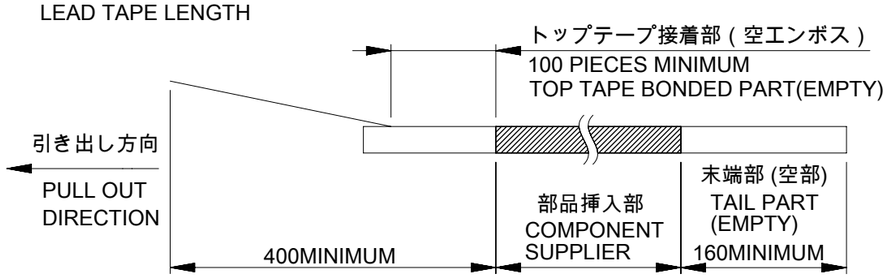




DETAIL X

注記 NOTES

10. 梱包数量　：　500個
    NUMBER OF CONNECTIORS : 500 PIECES/REEL.
11. 梱包仕様書：2045199200-SPK PS 200
    PACKING SPECIFICATION : 2045199200-SPK PS 200
12. リードテープ長さ
    LEAD TAPE LENGTH



11. 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.

△1 TABLE 2

番号 NO.	部品 PART	材質 MATERIAL
⑤	エンボステープ EMBOSSED TAPE	ポリスチレン(PS) POLYSTYRENE(PS)
⑥	トップテープ TOP TAPE	ポリエチレン(PE)、その他 POLYETHYLENE(PE), OTHER
⑦	リール REEL	ポリスチレン(PS) ＜リサイクル材を含む＞ POLYSTYRENE(PS) ＜RECYCLE MATERIRAL CONTAINED＞

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/15　07:11:21

H	G	F	E	極数 CIRCUIT SIZE
49.4	45.4	20.2	44±0.3	42
				40
				38
				36
				34
				32
				30
				28
				26
37.4	33.4	14.2	32±0.3	24
				22
				20
				18
				16
29.4	25.4	11.5	24 +0.3 -0.1	14
				12
				10
				8

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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: 761705
DRWN: SOKUMURA01 2023/09/07
CHK'D: SAKIYAMA 2023/09/15
APPR: AIDA 2023/09/15

INITIAL REVISION:
DRWN: RTANAKA02 2021/02/15
APPR: AIDA 2022/11/30

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 204519

molex

MICRO-LOCK PLUS 1.25 W/B
DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY
LOW-HALOGEN GOLD-PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2045190002-SD	PSD	000	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 4	GENERAL	3 OF 4

FORMAT: master-drawing-A3
DATE: 2021/02/15
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△5 204519**9* 発注番号一覧 ORDER NUMBER LIST

BLACK	NATURAL (WHITE)	HOUSING COLOR
2045194291	2045194290	42
2045194091	2045194090	40
2045193891	2045193890	38
2045193691	2045193690	36
2045193491	2045193490	34
2045193291	2045193290	32
2045193091	2045193090	30
2045192891	2045192890	28
2045192691	2045192690	26
2045192491	2045192490	24
2045192291	2045192290	22
2045192091	2045192090	20
2045191891	2045191890	18
2045191691	2045191690	16
2045191491	2045191490	14
2045191291	2045191290	12
2045191091	2045191090	10
2045190891	2045190890	8
発注番号 ORDER NUMBER		極数 CIRCUIT SIZE
梱包形態：エンボステープ梱包 PACKAGING STYLE : EMBOSSED TAPE AND REEL		

△5 204519**5* 発注番号一覧 ORDER NUMBER LIST

BLACK	NATURAL (WHITE)	HOUSING COLOR
2045194251	2045194250	42
2045194051	2045194050	40
2045193851	2045193850	38
2045193651	2045193650	36
2045193451	2045193450	34
2045193251	2045193250	32
2045193051	2045193050	30
2045192851	2045192850	28
2045192651	2045192650	26
2045192451	2045192450	24
2045192251	2045192250	22
2045192051	2045192050	20
2045191851	2045191850	18
2045191651	2045191650	16
2045191451	2045191450	14
2045191251	2045191250	12
2045191051	2045191050	10
2045190851	2045190850	8
発注番号 ORDER NUMBER		極数 CIRCUIT SIZE
梱包形態：エンボステープ梱包 PACKAGING STYLE : EMBOSSED TAPE AND REEL		

△5 204519**3* 発注番号一覧 ORDER NUMBER LIST

BLACK	NATURAL (WHITE)	HOUSING COLOR
2045194231	2045194230	42
2045194031	2045194030	40
2045193831	2045193830	38
2045193631	2045193630	36
2045193431	2045193430	34
2045193231	2045193230	32
2045193031	2045193030	30
2045192831	2045192830	28
2045192631	2045192630	26
2045192431	2045192430	24
2045192231	2045192230	22
2045192031	2045192030	20
2045191831	2045191830	18
2045191631	2045191630	16
2045191431	2045191430	14
2045191231	2045191230	12
2045191031	2045191030	10
2045190831	2045190830	8
発注番号 ORDER NUMBER		極数 CIRCUIT SIZE
梱包形態：エンボステープ梱包 PACKAGING STYLE : EMBOSSED TAPE AND REEL		

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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: 761705
DRWN: SOKUMURA01 2023/09/07
CHK'D: SAKIYAMA 2023/09/15
APPR: AIDA 2023/09/15

INITIAL REVISION:
DRWN: RTANAKA02 2021/02/15
APPR: AIDA 2022/11/30

molex

MICRO-LOCK PLUS 1.25 W/B
DUAL ROW RIGHT ANGLE SMT PLUG ASSEMBLY
LOW-HALOGEN GOLD-PLATING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2045190002-SD	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	204519	SEE CHART	GENERAL	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/15 07:11:21

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