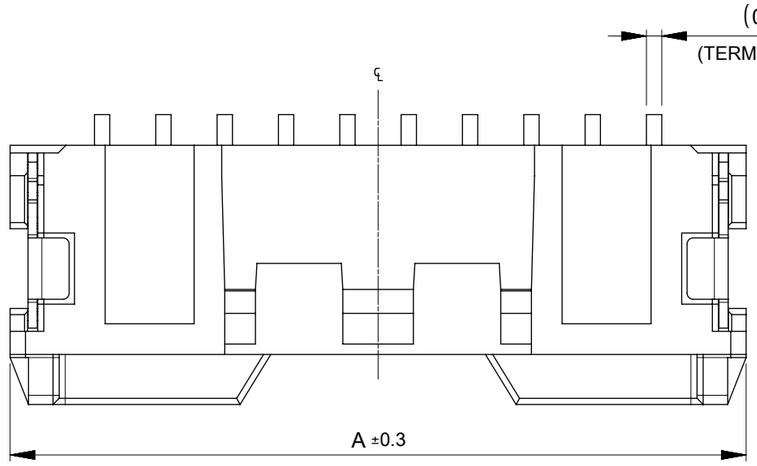

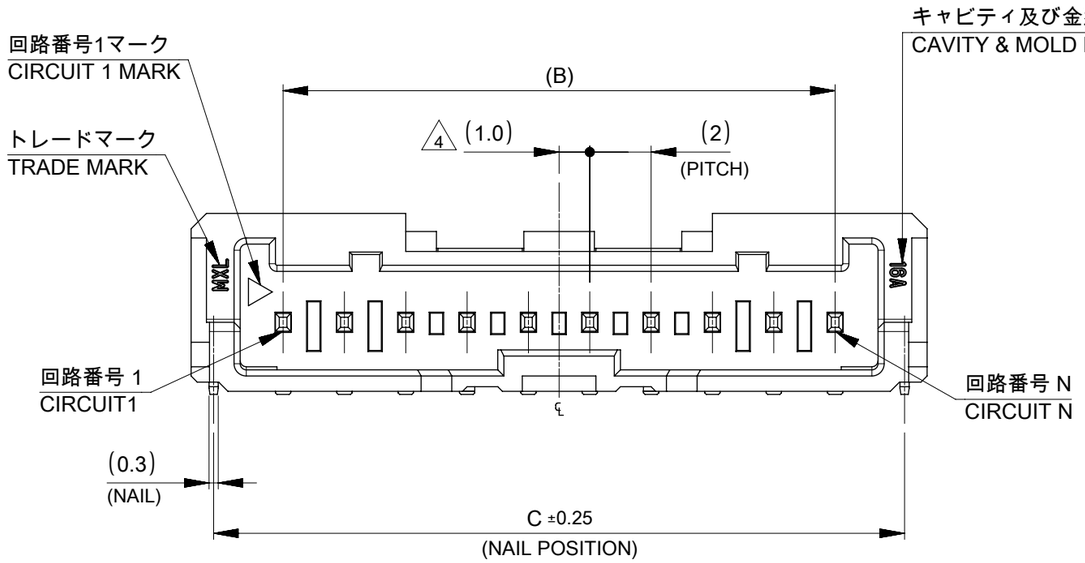

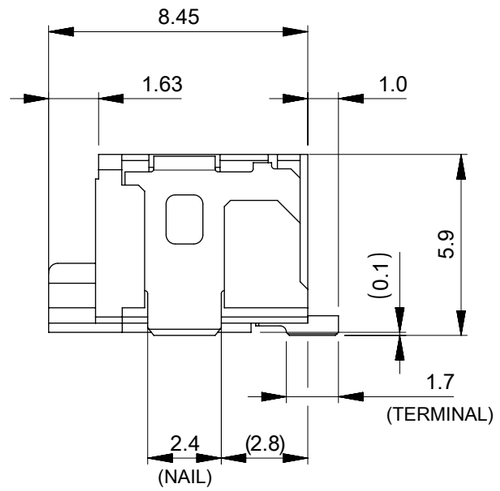

注記　NOTES

1. 材料及び仕上げ(めっき仕様)：TABLE 1, TABLE 2参照
   MATERIAL AND FINISHES (PLATING SPECIFICATION) : SEE TABLE 1, TABLE 2
2. 嵌合相手：505570シリーズ
   MATE WITH : 505570 SERIES
3. 端子テール部及びネイルの平坦度：0.1mm以下
   TAIL AND NAIL COPLANARITY : 0.1mm MAXIMUM
4. 極数=偶数に適用
   APPLY FOR CIRCUIT SIZE=EVEN.
5. コネクタの仕様につきましては、製品仕様書(5055700001-PS PS 000)を参照して下さい。
   PLEASE REFER TO THE PRODUCT SPECIFICATION (5055700001-PS PS 000)
6. 製品番号 MATERIAL No.

505578**7*

極数
CIRCUIT SIZE

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

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), UL94 V-0, 色：注記6参照 POLYAMIDE(PA), UL94 V-0, COLOR: SEE NOTE6
②	ターミナル TERMINAL	黄銅 BRASS
		錫めっき：1.0 micro-meter MINIMUM MATTE TIN PLATING
		ニッケルめっき（下地）：1.0 micro-meter MINIMUM NICKEL (UNDER PLATING) PLATING
③	ネイル NAIL	リン青銅 PHOSPHOR BRONZE
		錫めっき：1.0 micro-meter MINIMUM MATTE TIN PLATING
		ニッケルめっき（下地）：1.0 micro-meter MINIMUM NICKEL (UNDER PLATING) PLATING

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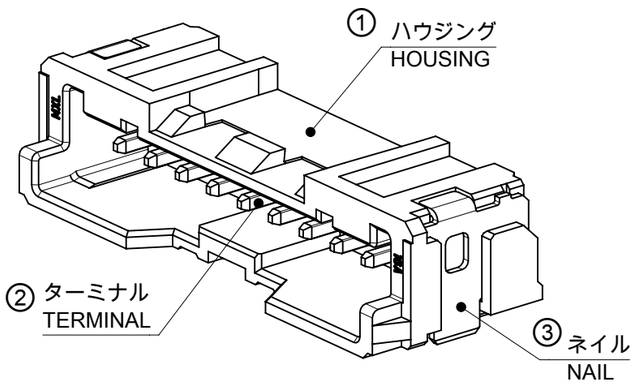

黒 BLACK	ナチュラル(白) NATURAL(WHITE)	ハウジング色 HOUSING COLOR
5055781671	5055781670	16
5055781571	5055781570	15
5055781471	5055781470	14
5055781371	5055781370	13
5055781271	5055781270	12
5055781171	5055781170	11
5055781071	5055781070	10
5055780971	5055780970	9
5055780871	5055780870	8
5055780771	5055780770	7
5055780671	5055780670	6
5055780571	5055780570	5
5055780471	5055780470	4
5055780371	5055780370	3
5055780271	5055780270	2

34.53	30	36
32.53	28	34
30.53	26	32
28.53	24	30
26.53	22	28
24.53	20	26
22.53	18	24
20.53	16	22
18.53	14	20
16.53	12	18
14.53	10	16
12.53	8	14
10.53	6	12
8.53	4	10
6.53	2	8

C B A

発注番号 ORDER NO.

エンボステープ梱包
PACKAGING STYLE : EMBOSSED TAPE AND REEL

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: REVISED

EC NO: 645407
DRWN: TENAGASE 2020/08/04
CHK'D: SAKIYAMA 2020/08/06
APPR: KOMURAKAMI 2021/03/09

INITIAL REVISION:
DRWN: TENAGASE 2016/05/12
APPR: TKANEKO 2016/06/23

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 505578

molex

MICRO-LOCK PLUS 2.0W/B
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5055780001	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	1 OF 4

FORMAT: master-tb-pvrv4-A3
UNIT: 2020/01/14
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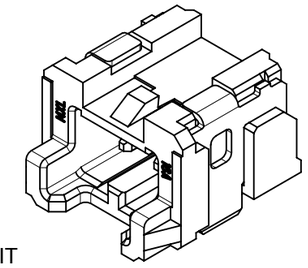
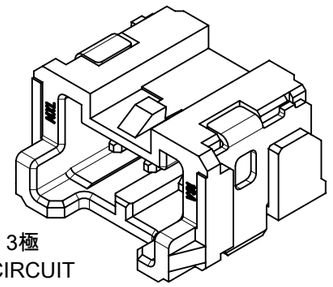
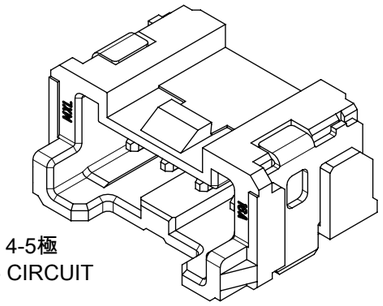
製品形状
PRODUCT SHAPE



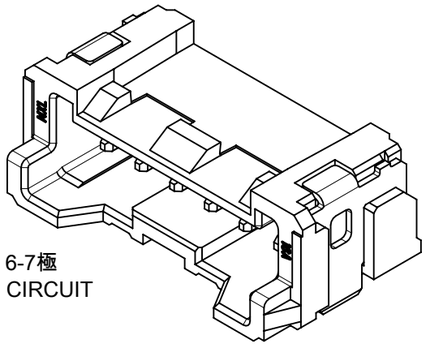
2極
2 CIRCUIT



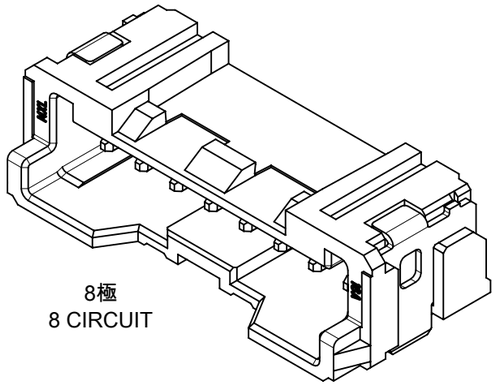
3極
3 CIRCUIT



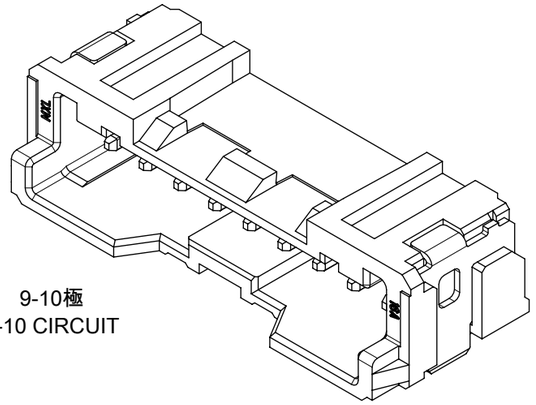
4-5極
4-5 CIRCUIT



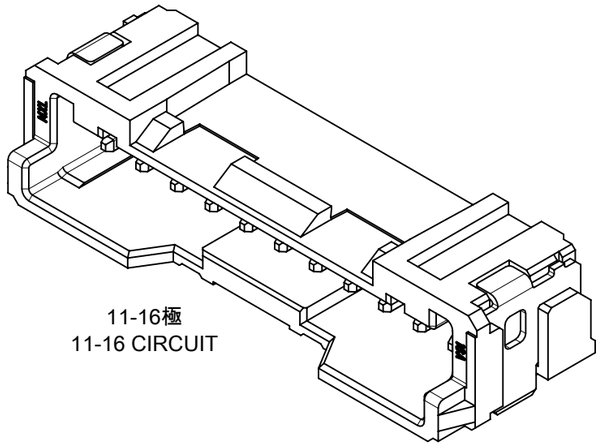
6-7極
6-7 CIRCUIT



8極
8 CIRCUIT

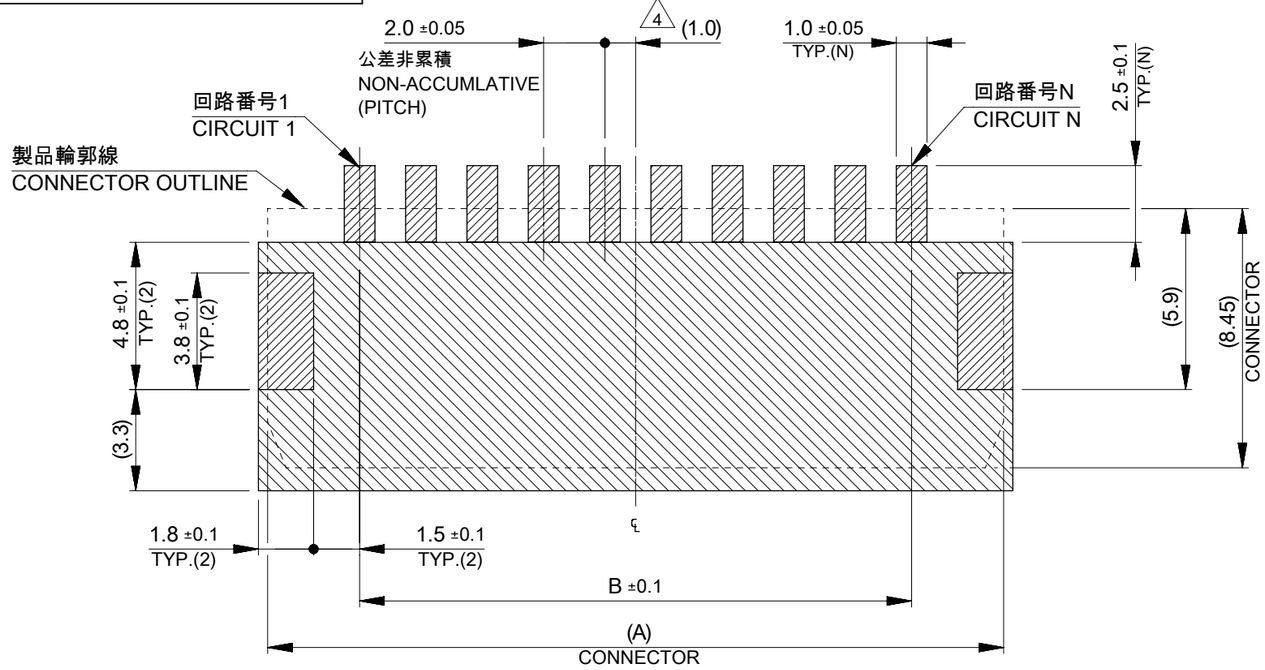


9-10極
9-10 CIRCUIT



11-16極
11-16 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, メタルマスク厚み0.15mm, マスク開口率100%)
PCB PATTERN LAYOUT (REFERENCE)
(REFERENCE: PCB THICKNESS 1.6mm, STENCIL THICKNESS 0.15mm, APERTURE RATIO 100%)

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

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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: REVISED

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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 505578

molex

MICRO-LOCK PLUS 2.0W/B
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5055780001	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 1	GENERAL	2 OF 4

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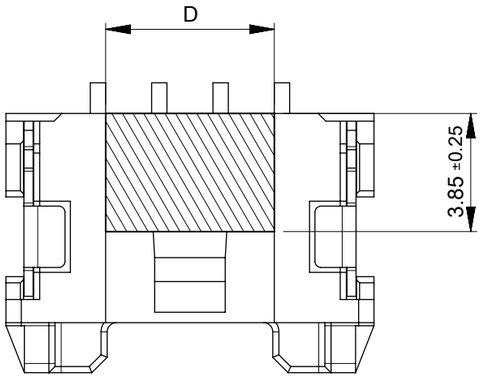
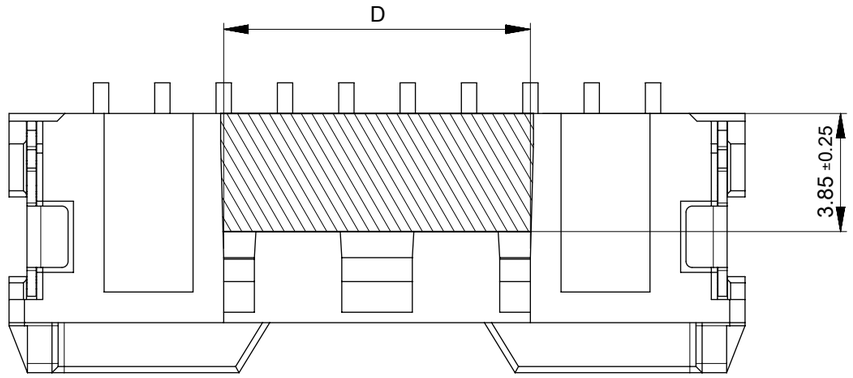
吸着エリア
VACUUM AREA

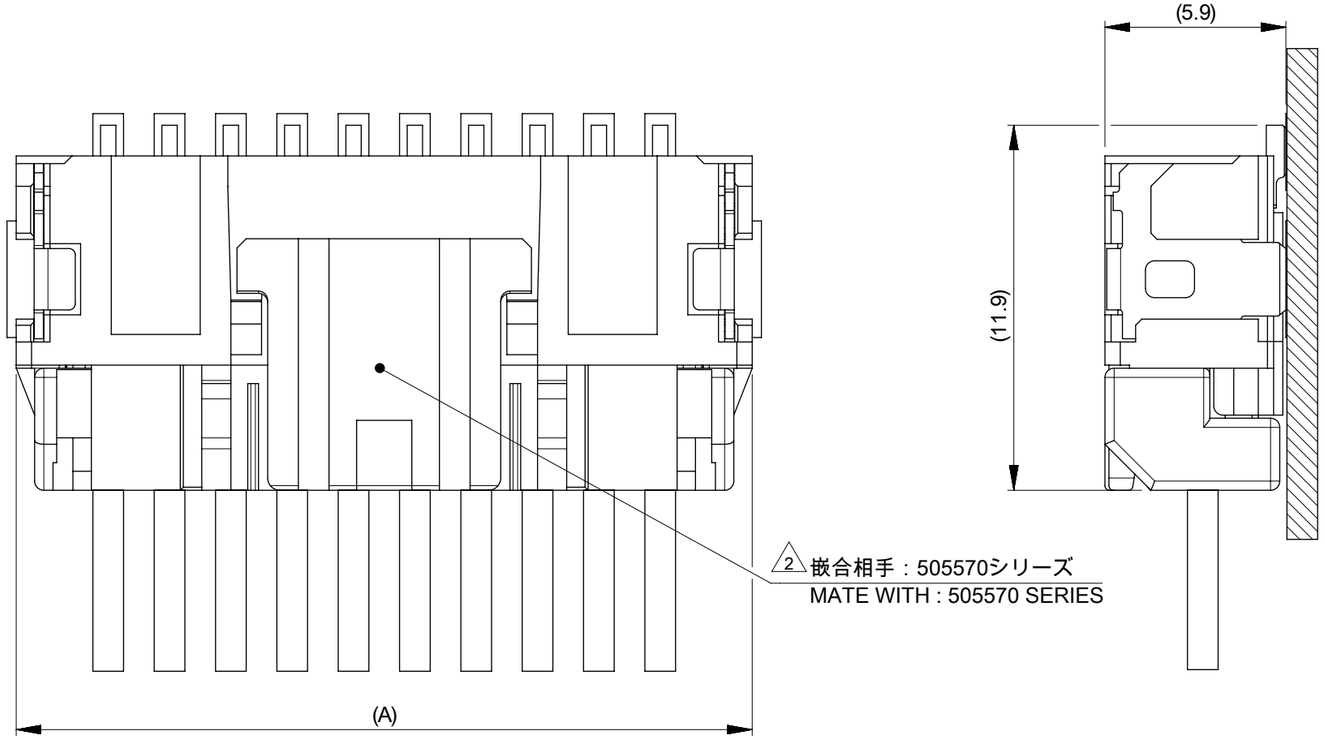


2-5CKT



6-16CKT

嵌合状態図
MATED CONNECTORS



14	16
	15
	14
	13
	12
	11
10	10
	9
	8
	7
	6
5.5	5
	4
3.5	3
	2
D	極数 CIRCUIT SIZE

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 505578

molex

MICRO-LOCK PLUS 2.0W/B
SINGLE ROW RIGHT ANGLE SMT PLUG ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5055780001	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 1	GENERAL	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/09 10:25:26

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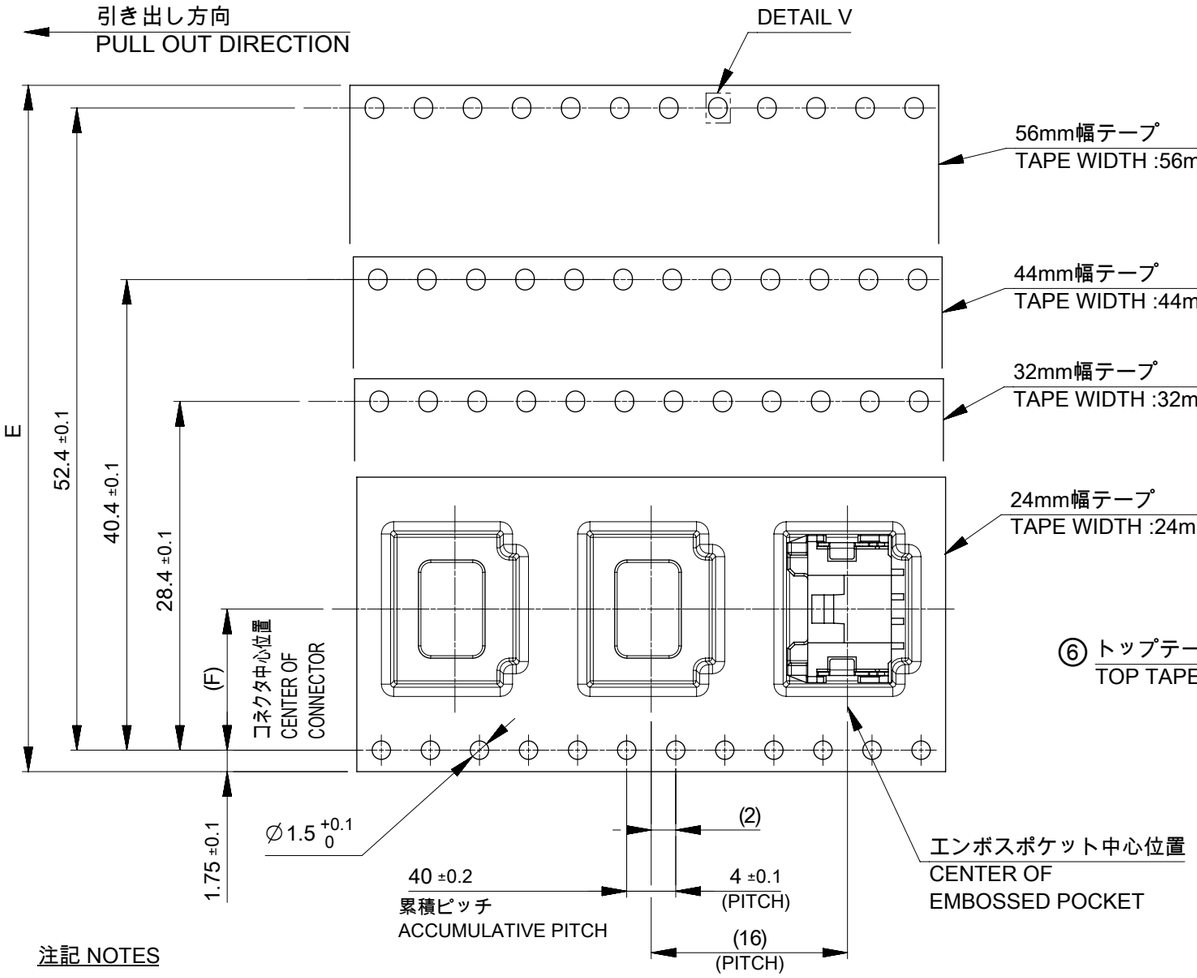
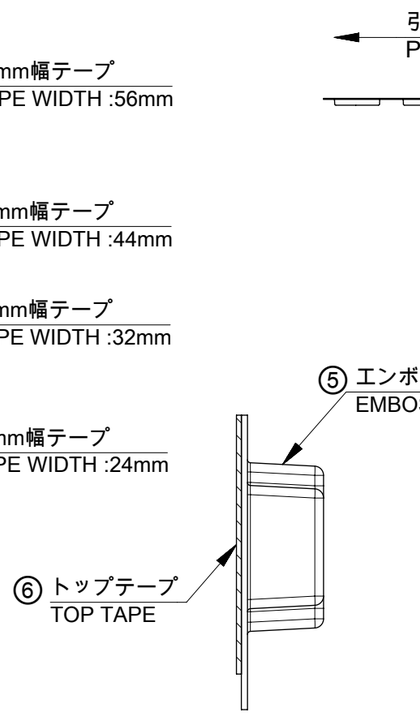
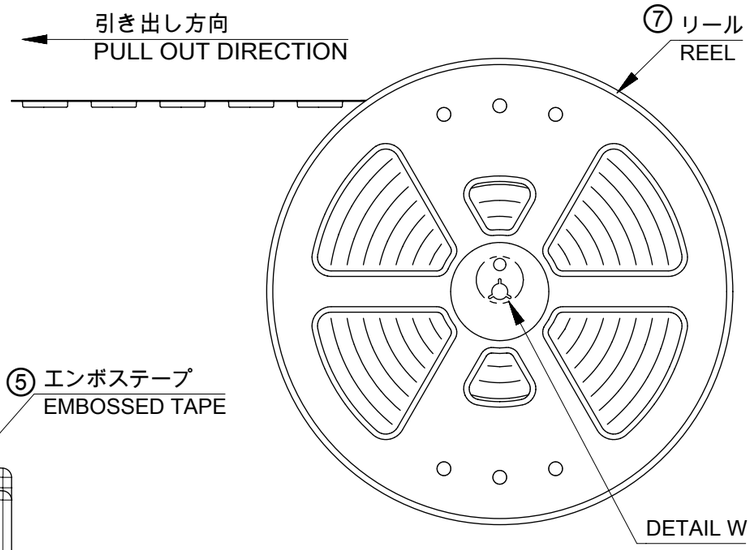
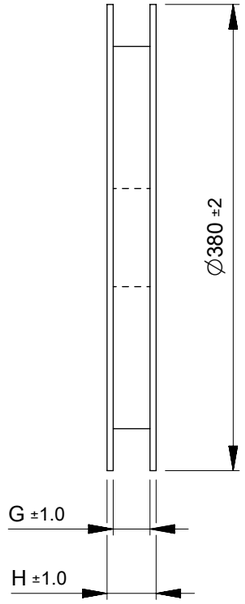
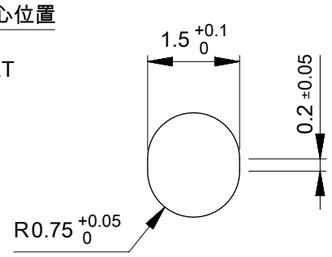


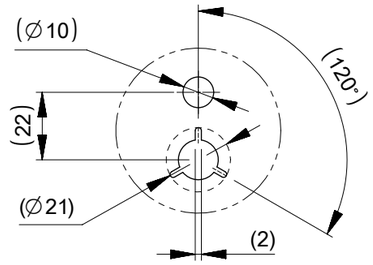








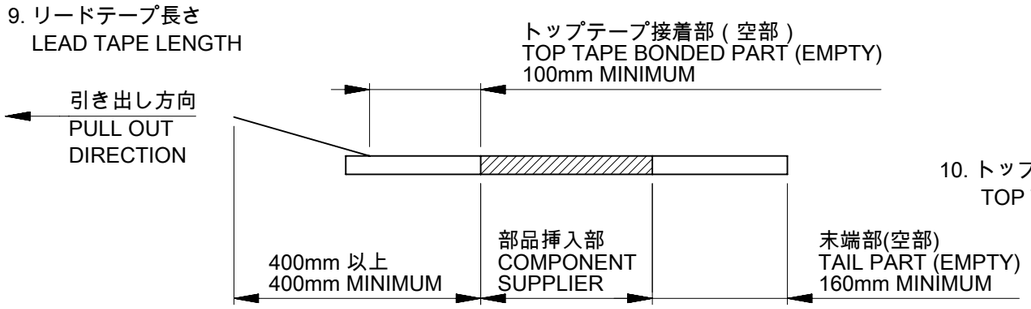
DETAIL V



DETAIL W

注記 NOTES

7. 梱包数量：900個
   NUMBER OF CONNECTORS : 900 PIECES/REEL
8. 梱包仕様書：5055789200 PS 200
   PACKING SPECIFICATION : 5055789200 PS 200
9. リードテープ長さ
   LEAD TAPE LENGTH



10. トップテープの剥離強度については、IEC 60286-3に準拠
    TOP TAPE PEEL FORCE IS DEFINED BY IEC 60286-3.

61.4	57.4	26.2	56±0.3	16
				15
				14
49.4	45.4	20.2	44±0.3	13
				12
				11
				10
				9
				8
37.4	33.4	14.2	32±0.3	7
				6
29.4	25.4	11.5	24 +0.3 -0.1	5
				4
				3
				2
H	G	F	E	極数 CIRCUIT SIZE

⚠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 MATERIAL CONTAINED]

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4 PLACES	±	0.2
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2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

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

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