

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 : 5011890000-PS 001  
PRODUCT SPECIFICATION:
- 3 梱包形態 : SEE SHEET 3  
PACKAGING INFORMATION:
- 4 嵌合相手 : 501189 シリーズ  
MATES WITH:501189 SERIES
- 5 アプリケーション仕様書(コネクタ取扱い説明書) : 5011890000-AS 000  
APPLICATION SPECIFICATION(CONNECTOR MANUAL):
- 6 ソルダーピン及びネイルの平坦度:0.1 mm MAX.  
SOLDER PIN AND NAIL COPLANARITY: 0.1 mm MAX.
- 7 極数/2=偶数に適応  
APPLICABLE FOR CIRCUIT SIZE/2 = EVEN
- 8 本製品は複数の金めっき厚を展開しております。その他の金めっき厚は以下の図面を御参照下さい。  
THIS PRODUCT EXIST MULTIPLE GOLD PLATING.  
PLEASE REFER TO THE FOLLOWING DRAWING FOR OTHER GOLD PLATING THICKNESS.

GOLD PLATING THICKNESS [MICRO-METER MIN.]	SERIES No.	DRAWING No.
0.1	501190	5011900000-SD PSD 000
0.38	203564	2035640000-SD PSD 000

- 9 発注番号 : TABLE 2 参照  
ORDER No. : SEE TABLE 2

203565 \*\* \*\* \*

極数 CIRCUIT SIZE	ハウジングカラー HOUSING COLOR	製品識別番号 IDENTIFICATION NUMBER
	1:NATURAL(BEIGE)	7:EMBOSSED PACKAGE

TABLE 2

HOUSING COLOR			極数 CIRCUIT SIZE
NATURAL(WHITE)			
26.8	24.0	27.3	50
21.8	19.0	22.3	40
16.8	14.0	17.3	30
11.8	9.0	12.3	20
C	B	A	発注番号 ORDER No.
極数別 寸法 DIMENSION			梱包形態 : エンボスリール PACKAGE:EMBOSSED REEL

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>	
DIMENSION UNITS	SCALE				
mm	NTS			PICO-CLASP 1.0 W/B DUAL ROW VT SMT GOLD PLATING 0.76 MICRO-METER	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 615136		DOCUMENT NUMBER	
ANGULAR TOL ± 3.0°		DRWN: AISHIKAWA 2019/09/06		2035650000-SD	
4 PLACES ± 0.2		CHK'D: AIDA 2019/09/11		DOC TYPE DOC PART REVISION	
3 PLACES ± 0.2		APPR: SAKIYAMA 2019/09/17		PSD 000 B	
2 PLACES ± 0.2		INITIAL REVISION:		PRODUCT CUSTOMER DRAWING	
1 PLACE ± 0.2		DRWN: AISHIKAWA 2019/03/29		MATERIAL NUMBER	
0 PLACES ± 0.2		APPR: KOMURAKAMI 2019/04/03		CUSTOMER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	SHEET NUMBER
			A3-SIZE	203565	SEE SHEET 5

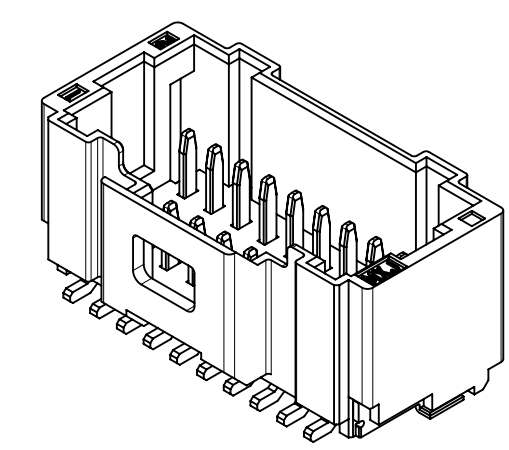
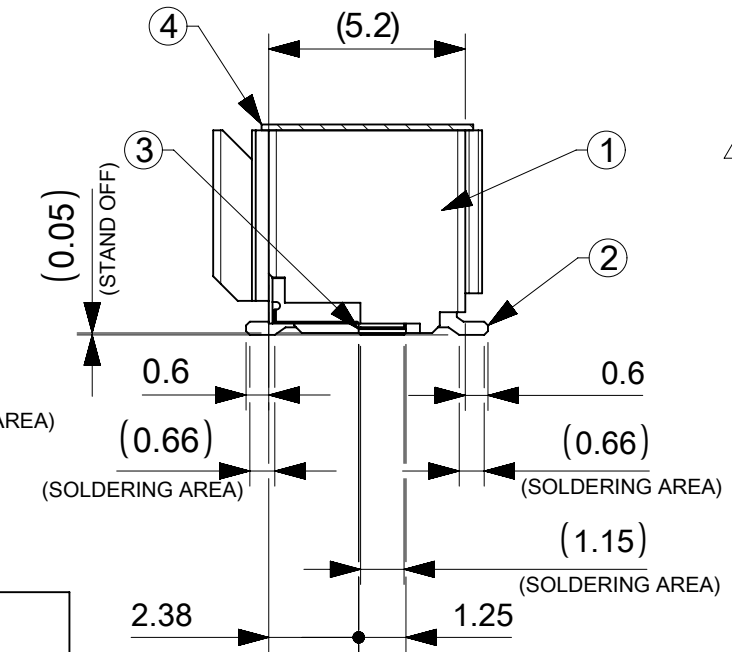
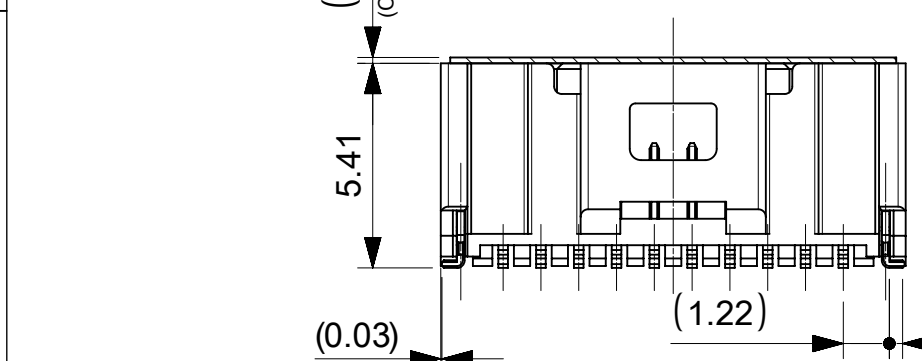
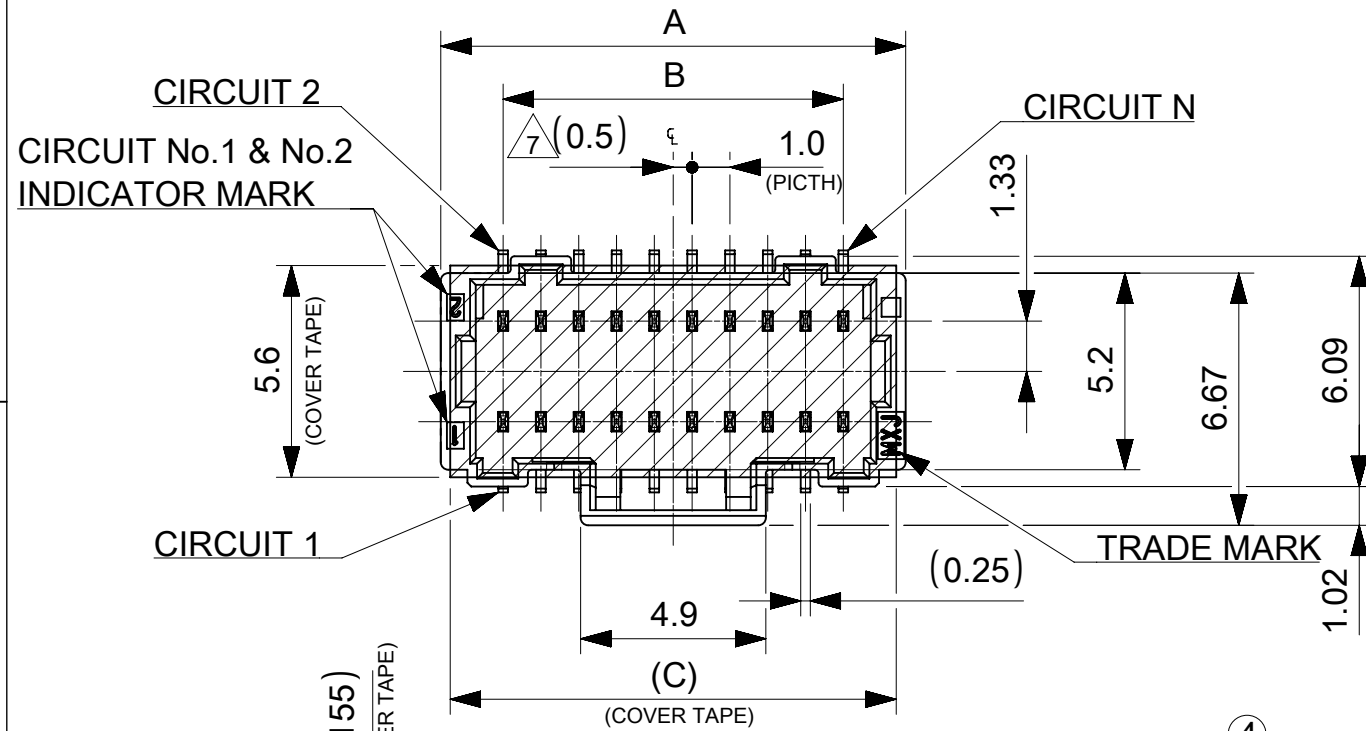
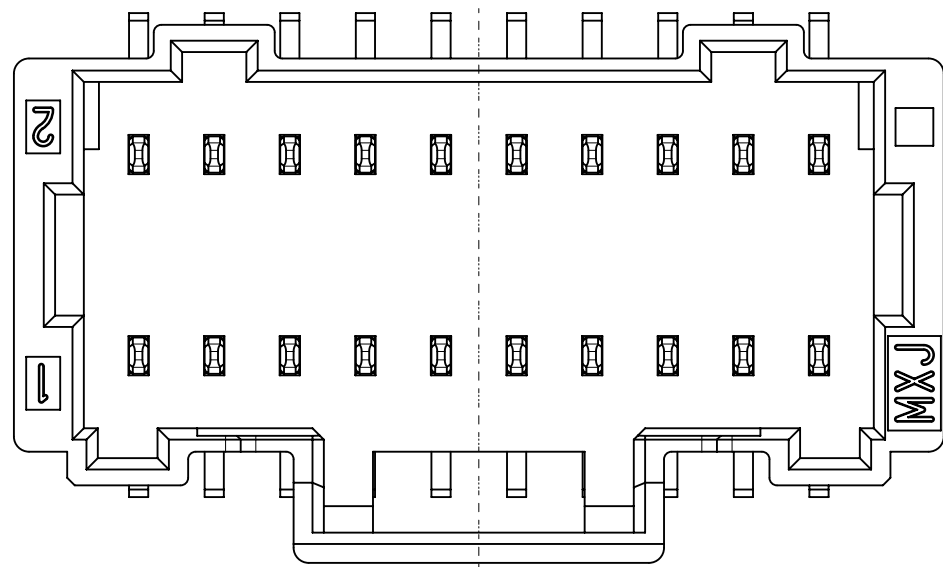
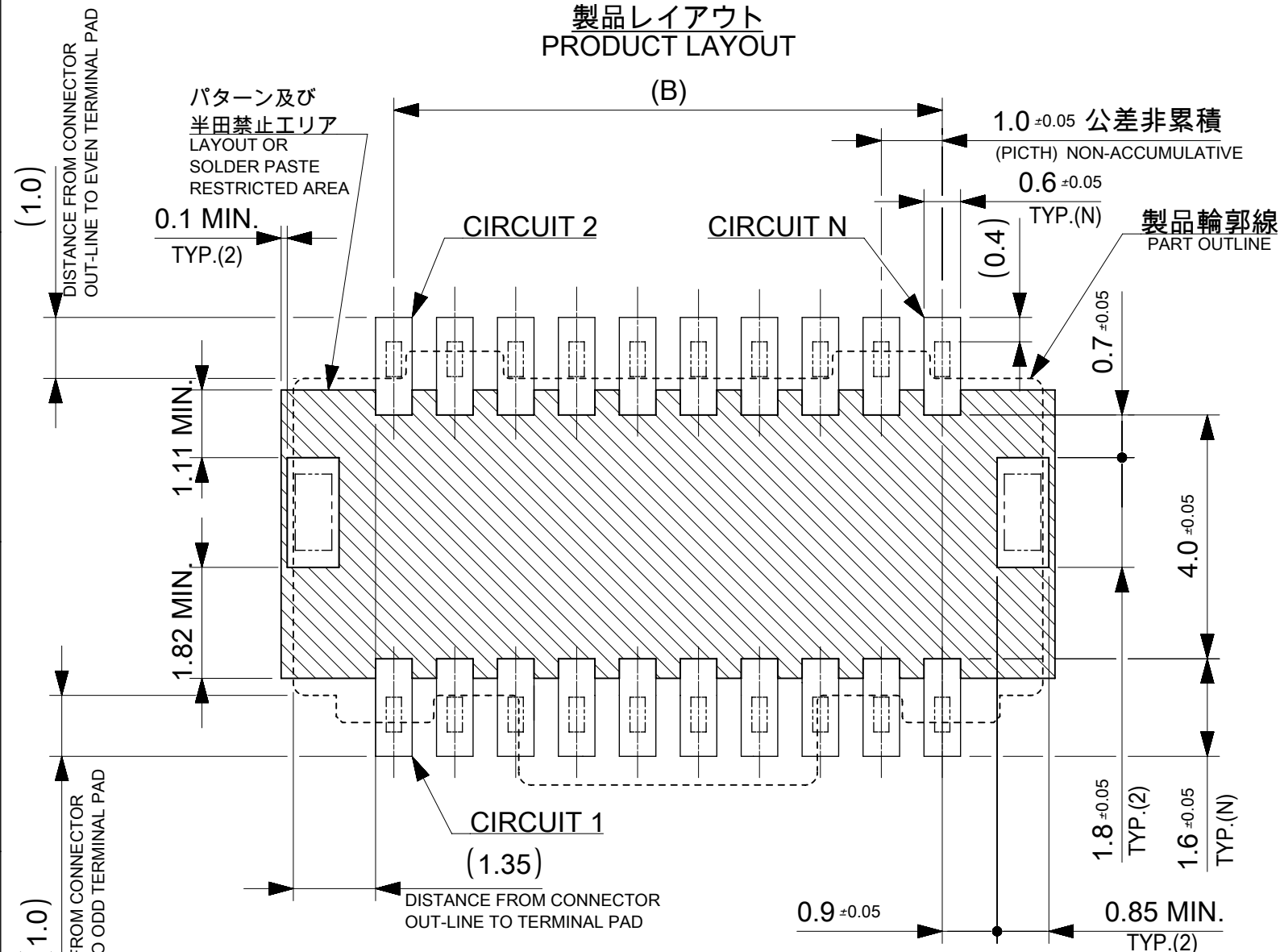


TABLE 1

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 : 0.76 MICRO-METER MIN. GOLD PLATING
		テール部 TAIL AREA	金めっき GOLD PLATING
3	ネイル NAIL	リン青銅 PHOSPHOR BRONZE	
		テール部 TAIL AREA	錫めっき : 1.0 MICRO-METER MIN. MATTE TIN PLATING
4	カバーテープ COVER TAPE	下地めっき UNDER PLATING	ニッケルめっき : 1.0 MICRO-METER MIN. NICKEL
		ポリイミドテープ POLYIMIDE TAPE	




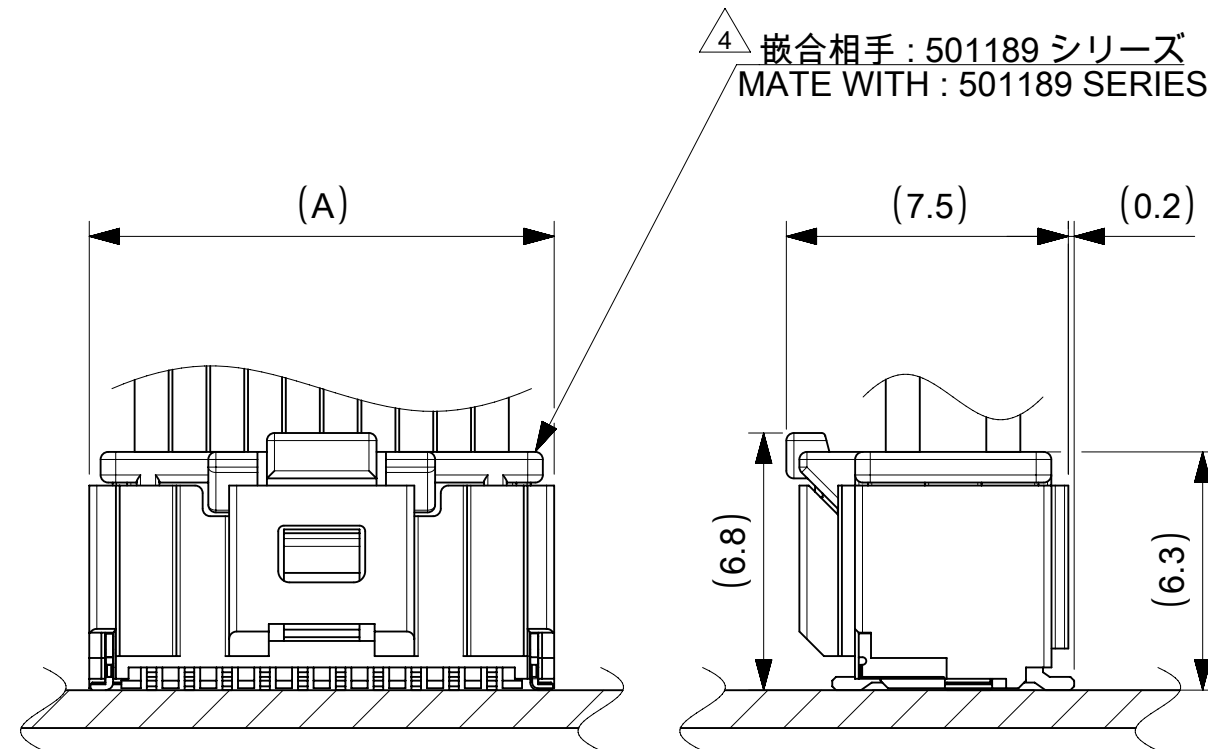
製品レイアウト  
PRODUCT LAYOUT



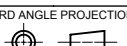
推奨基板レイアウト(全極数適応) : 実装面側  
(参考 : 基板厚 1.0mm, メタルマスク厚さ 0.12mm, マスク開口率100%)

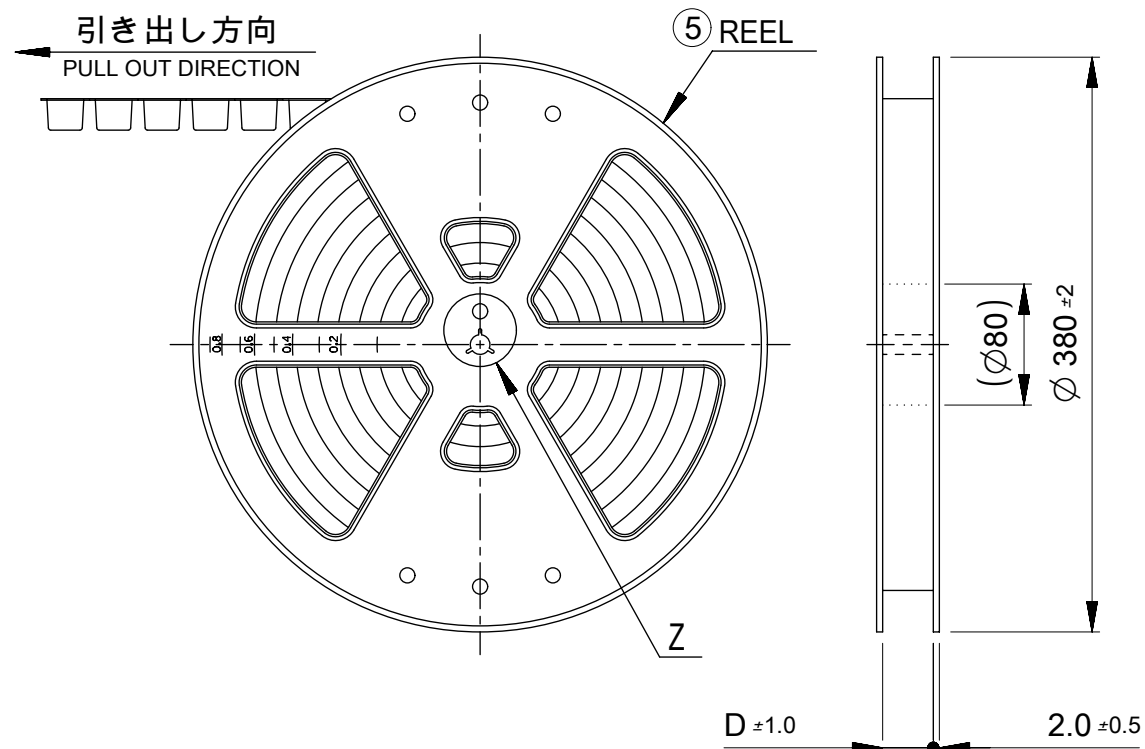
POLARIZED RECOMMENDED PCB LAYOUT(APPLY TO ALL CIRCUIT) : COMPONENT SIDE  
(REFERENCE: PCB THICKNESS 1.0mm, STENCIL THICKNESS 0.12mm, APERTURE RATIO 100%)

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



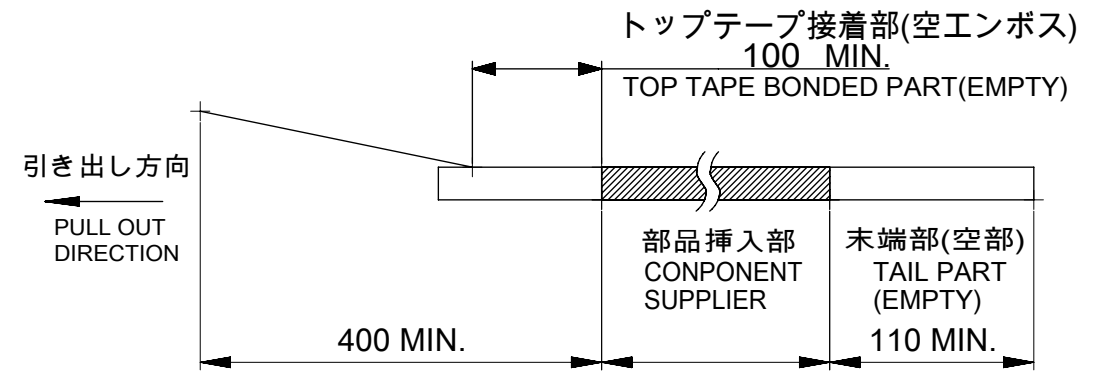
嵌合図  
MATED CONNECTORS

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DIMENSION UNITS	SCALE				
mm	NTS			PICO-CLASP 1.0 W/B DUAL ROW VT SMT GOLD PLATING 0.76 MICRO-METER	
GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING	
ANGULAR TOL	± 3.0 °	EC NO:	615136	DOCUMENT NUMBER	
4 PLACES	± 0.2	DRWN:	AISHIKAWA 2019/09/06	2035650000-SD	
3 PLACES	± 0.2	CHK'D:	AIDA 2019/09/11	DOC TYPE	DOC PART
2 PLACES	± 0.2	APPR:	SAKIYAMA 2019/09/17	PSD	000
1 PLACE	± 0.2	INITIAL REVISION:		REVISION	B
0 PLACES	± 0.2	DRWN:	AISHIKAWA 2019/03/29		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR:	KOMURAKAMI 2019/04/03		
THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		A3-SIZE	203565	SEE SHEET 5	
		SHEET NUMBER		2 OF 4	

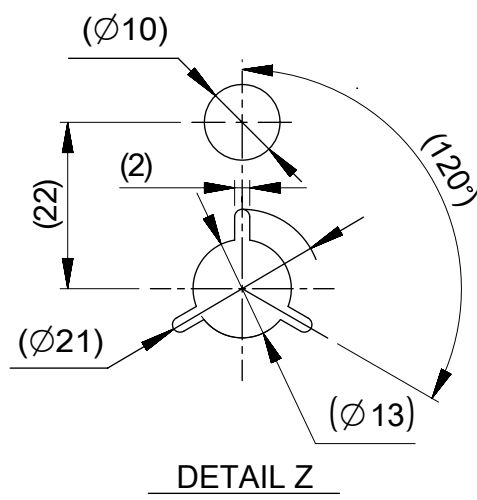


NOTES

- 10. 梱包数量:1100個/リール  
NUMBER OF CONNECTORS : 1100 PIECES/REEL
- 11. リードテープ長さ  
LEAD TAPE LENGTH



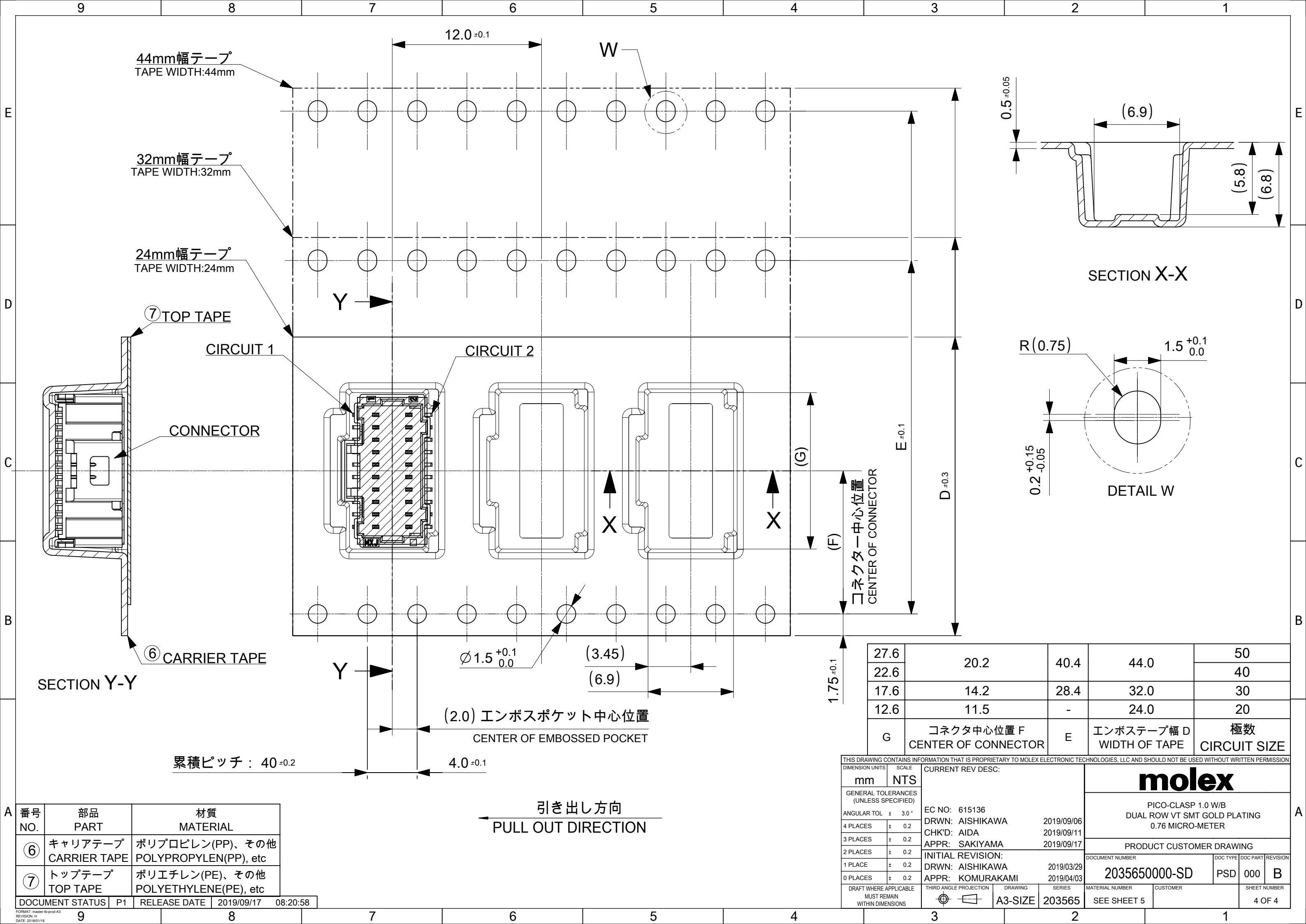
- 12. トップテープの剥離強度はIEC60286-3に準拠。  
TOP TAPE PEELING FORCE IS DEFINED BY IEC60286-3.
- 13. 梱包仕様書 : 2035659200 PS 200  
PACKAGE SPECIFICATION:



45.5	50
	40
33.5	30
25.5	20
D	極数 CIRCUIT SIZE

番号 NO.	部品 PART	材質 MATERIAL
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 2019/09/17 08:20:58

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DIMENSION UNITS mm	SCALE NTS	EC NO: 615136 DRWN: AISHIKAWA 2019/09/06 CHK'D: AIDA 2019/09/11 APPR: SAKIYAMA 2019/09/17				
GENERAL TOLERANCES (UNLESS SPECIFIED)		INITIAL REVISION:		PRODUCT CUSTOMER DRAWING		
ANGULAR TOL	± 3.0 °	DRWN: AISHIKAWA 2019/03/29 APPR: KOMURAKAMI 2019/04/03		DOCUMENT NUMBER	DOC TYPE	DOC PART
4 PLACES	± 0.2			2035650000-SD	PSD	000
3 PLACES	± 0.2					B
2 PLACES	± 0.2			SHEET NUMBER		
1 PLACE	± 0.2			3 OF 4		
0 PLACES	± 0.2					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
			A3-SIZE	203565	SEE SHEET 5	



44mm幅テープ  
TAPE WIDTH:44mm

32mm幅テープ  
TAPE WIDTH:32mm

24mm幅テープ  
TAPE WIDTH:24mm

⑦ TOP TAPE

CIRCUIT 1

CIRCUIT 2

CONNECTOR

⑥ CARRIER TAPE

SECTION Y-Y

SECTION X-X

DETAIL W

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

累積ピッチ : 40 ±0.2

引き出し方向  
PULL OUT DIRECTION

27.6	20.2	40.4	44.0	50
22.6				40
17.6	14.2	28.4	32.0	30
12.6	11.5	-	24.0	20
G	コネクタ中心位置 F CENTER OF CONNECTOR	E	エンボステープ幅 D WIDTH OF TAPE	極数 CIRCUIT SIZE

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0 PLACES	± 0.2	APPR: KOMURAKAMI 2019/04/03			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	203565	SEE SHEET 5
		CUSTOMER	SHEET NUMBER		
				4 OF 4	

番号 NO.	部品 PART	材質 MATERIAL
⑥	キャリアテープ CARRIER TAPE	ポリプロピレン(PP)、その他 POLYPROPYLEN(PP), etc
⑦	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	2019/09/17	08:20:58
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