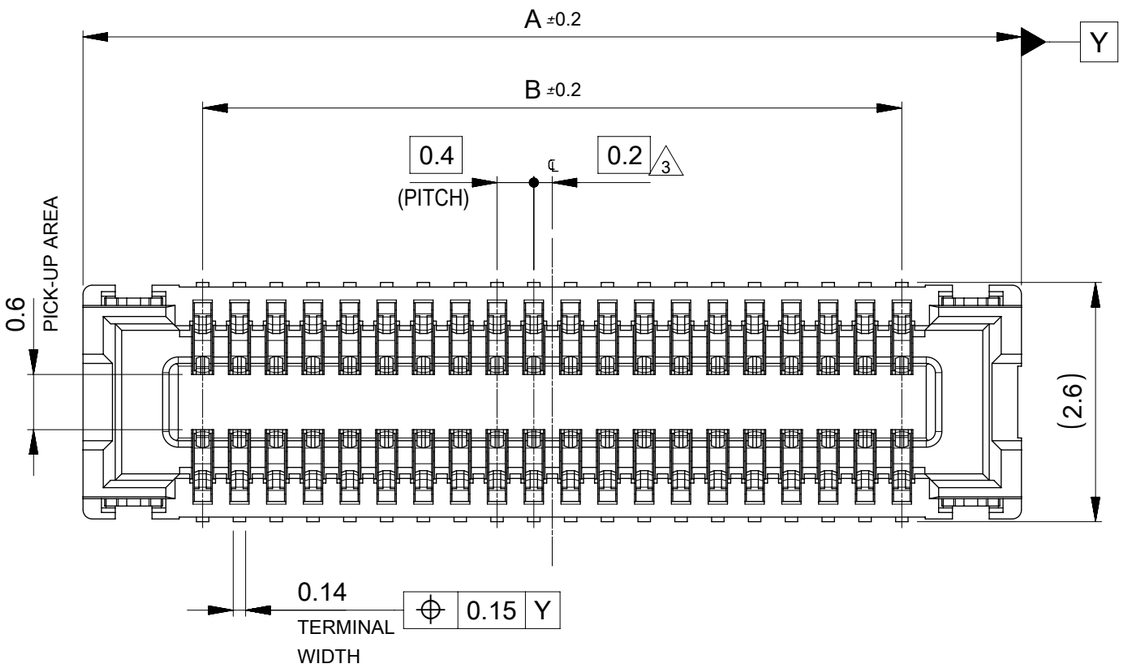
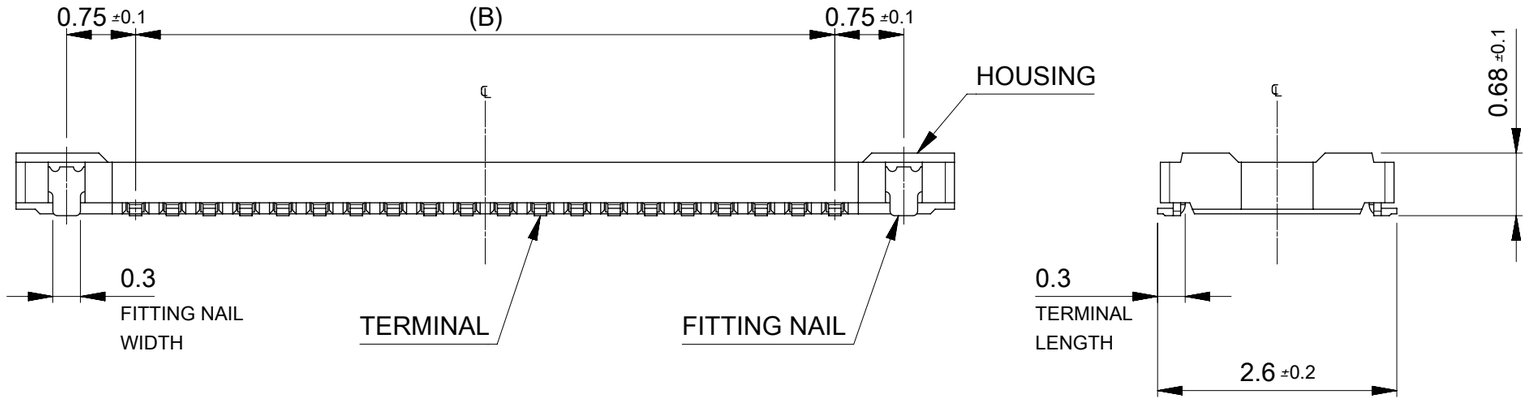




注記　NOTES

1. 使用材料　MATERIAL
   ハウジング：液晶ポリマー(LCP)　UL94V-0(黒)
   HOUSING : LIQUID CRYSTAL POLYMER, UL94V-0 (COLOR : BLACK)
   ターミナル：銅合金
   TERMINAL : COPPER ALLOY
   金具：銅合金
   FITTING NAIL : COPPER ALLOY
2. めっき仕様　PLATING
   ターミナル　TERMINAL
   コンタクト部：金めっき　0.1マイクロメートル以上
   CONTACT AREA : GOLD 0.1 MICROMETER MINIMUM.
   テール部：金めっき
   SOLDER TAIL AREA : GOLD
   下地めっき：ニッケルめっき　1.0マイクロメートル以上
   UNDER PLATING : NICKEL 1.0 MICROMETER MINIMUM.
   ※コンタクト部とテール部は、ニッケルめっきによって
   分断されている金めっきです。
   DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT
   AND THE TAIL PART BY THE NICKEL PLATING.
   金具　FITTING NAIL
   錫めっき：1.0マイクロメートル以上
   TIN PLATING : 1.0 MICROMETER MINIMUM.
   下地めっき：ニッケルめっき　1.0マイクロメートル以上
   UNDER PLATING : NICKEL 1.0 MICROMETER MINIMUM.

△3 (全極数/2)=偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN.

4. 嵌合相手：503308シリーズ
   MATE WITH : 503308 SERIES.
5. テール平坦度は、0.08以下。
   テール及び金具の平坦度は、0.1以下。
   TAIL COPLANARITY TO BE 0.08 MAXIMUM.
   TAIL AND FITTING NAIL COPLANARITY TO BE 0.1 MAXIMUM.
6. ELV AND RoHS COMPLIANT.

△7 パターン及び半田禁止エリア
(当該箇所においては、これと接する回路以外の配線を禁止する。
また、接する回路を配線する場合はレジストを施し、
この部分に半田は無きこととする。)
PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA, THE WIRING THAT TOUCHES
ON THE SOLDER CAN BE ATTACHED. THEN COVERD
WITH A FILM TO KEEP SOLDER OUT.)

11.6	14.2	503304-6042	○	60
9.6	12.2	503304-5042	○	50
8.0	10.6	503304-4242	○	42
7.6	10.2	503304-4042	○	40
5.6	8.2	503304-3042	○	30
4.4	7.0	503304-2442	○	24
3.6	6.2	503304-2042	○	20
B	A	EMBOSSED PACKAGE	HIGH VOL. TOOL	極数 CIRCUITS
		オーダー番号　ORDER No.	SAMPLE PREPARATION	
		CONNECTOR SERIES No. : 503304-**49		

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

DIMENSION UNITS	mm
SCALE	15:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3.0 °
4 PLACES	± 0.03
3 PLACES	± 0.03
2 PLACES	± 0.05
1 PLACE	± 0.1
0 PLACES	± 0.2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515981

EC NO: 837786
DRWN: RAGHAH3 2025/10/21
CHK'D: GGA 2025/10/28
APPR: GGA 2025/10/28

INITIAL REVISION:
DRWN: GABE 2016/11/24
APPR: MSASAO 2017/02/21

molex

0.4 BB CONN. H=0.7 REC. ASSY

PRODUCT CUSTOMER DRAWING

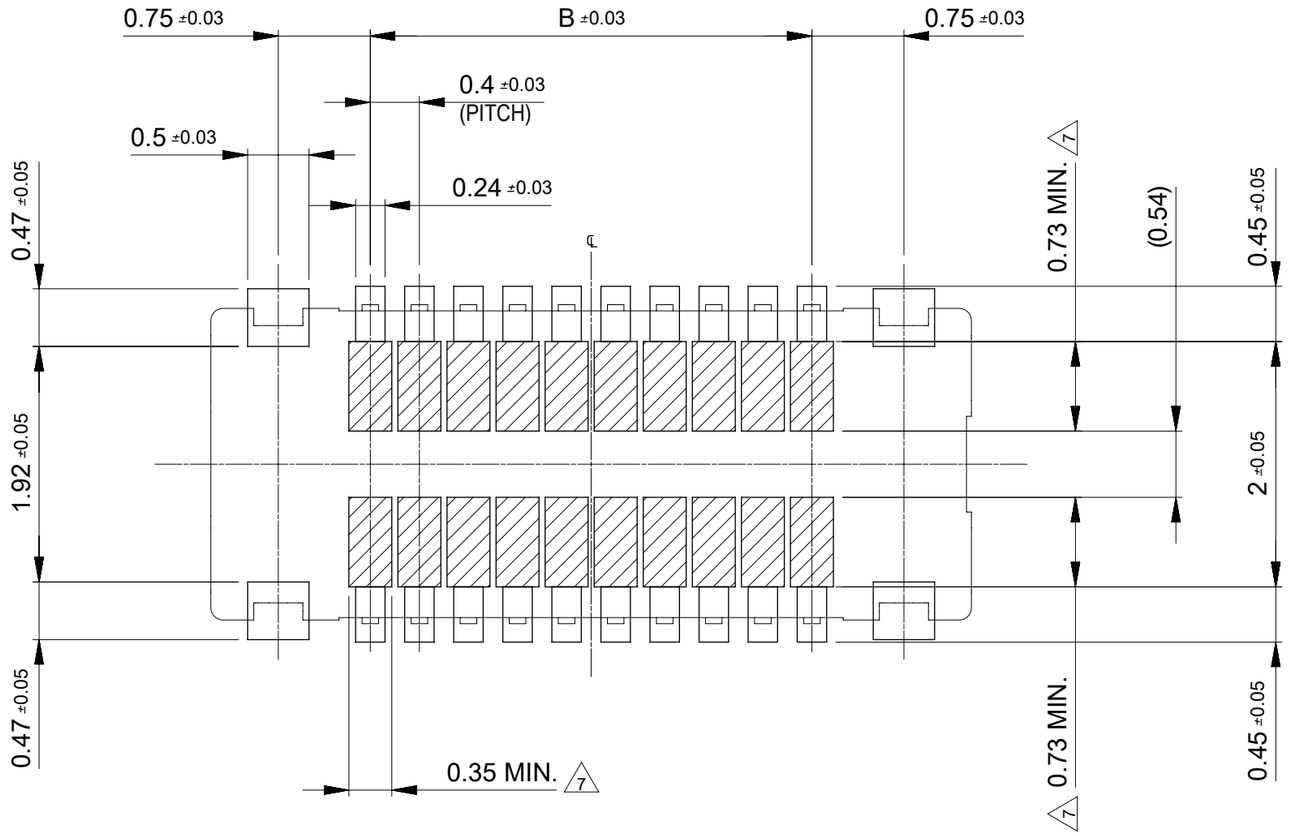
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5033041001	PSD	000	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	503304

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28 09:23:51

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



RECOMMENDED P.W.BOARD PATTERN LAYOUT (REFERENCE)

RECOMMENDED THICKNESS OF METAL MASK : t=0.1 mm
RECOMMENDED OPEN APERTURE RATIO OF METAL MASK : 100%

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DIMENSION UNITS	SCALE
mm	20:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.03
3 PLACES	±	0.03
2 PLACES	±	0.05
1 PLACE	±	0.1
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 503304

molex

0.4 BB CONN. H=0.7 REC. ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5033041001	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28 09:23:51

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