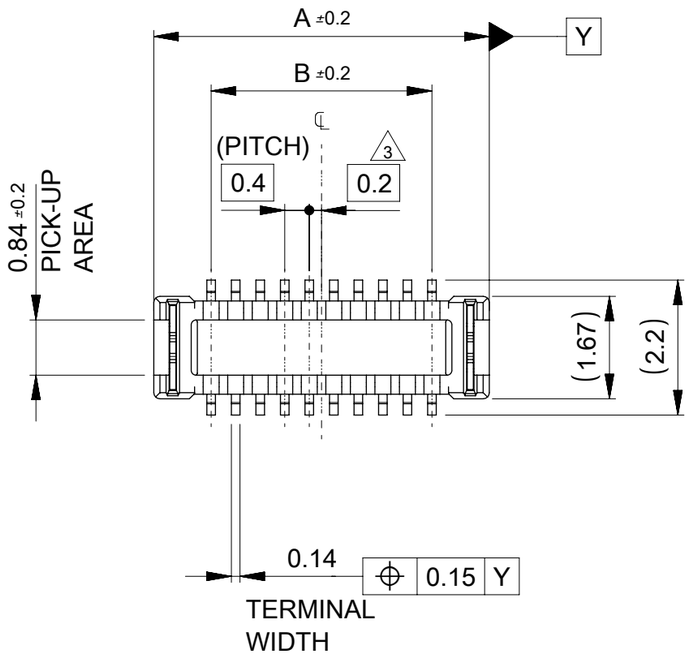


注記　NOTES

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. メッキ仕様 PLATING

   ターミナル TERMINAL

   コンタクト部:部分金メッキ(0.1マイクロメートル以上)
   CONTACT AREA:SEPARATED GOLD PLATING
   (0.1 MICROMETER MINIMUM)

   テール部:部分金メッキ
   SOLDER TAIL AREA:SEPARATED GOLD PLATING

   下地:ニッケルメッキ(1.0マイクロメートル以上)
   UNDERPLATE:NICKEL OVERALL(1.0 MICROMETER MINIMUM)

   ※コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。
   DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT
   AND THE TAIL PART BY THE NICKEL PLATING.

   金具 FITTING NAIL

   テール部：錫メッキ(1.0マイクロメートル以上)
   SOLDER TAIL AREA:TIN PLATING
   (1.0 MICROMETER MINIMUM)

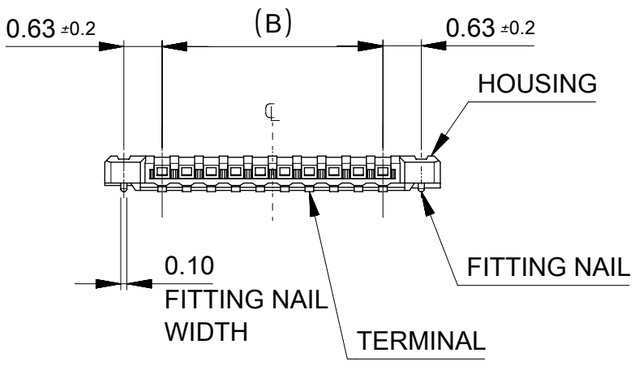
   下地:ニッケルメッキ(1.0マイクロメートル以上)
   UNDERPLATE:NICKEL OVERALL
   (1.0 MICROMETER MINIMUM)

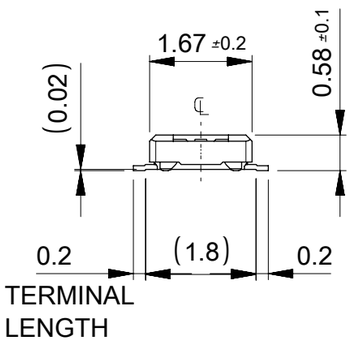
△3 (全極数/2)=偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN.

4. 嵌合相手:503304シリーズ
   MATE WITH:503304 SERIES.

5. テール及び金具の平坦度は、0.1以下
   TAIL AND FITTING NAIL COPLANARITY
   TO BE 0.1MAXIMUM.

6. ELV及びRoHS適合品
   ELV and RoHS COMPLIANT.





9.6	11.47	503308-5052	50
8.4	10.27	503308-4452	44
8.0	9.87	503308-4252	42
7.6	9.47	503308-4052	40
5.6	7.47	503308-3053	30
4.8	6.67	503308-2652	26
4.4	6.27	503308-2452	24
3.6	5.47	503308-2052	20
B	A	EMBOSSED PACKAGE	極数 CIRCUITS
		オーダー番号 ORDER No.	
		CONNECTOR SERIES No.:503308-**58	

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

DIMENSION UNITS	mm
SCALE	10:1
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 #515183

EC NO: 826030
DRWN: PRANAA 2025/06/13
CHK'D: GGA 2025/07/01
APPR: GGA 2025/07/01

INITIAL REVISION:
DRWN: TNISHIDA02 2016/02/24
APPR: KMORIKAWA 2016/02/29

molex

0.4 BB CONN.HGT=0.7
W=2.6 PLUG ASS'Y

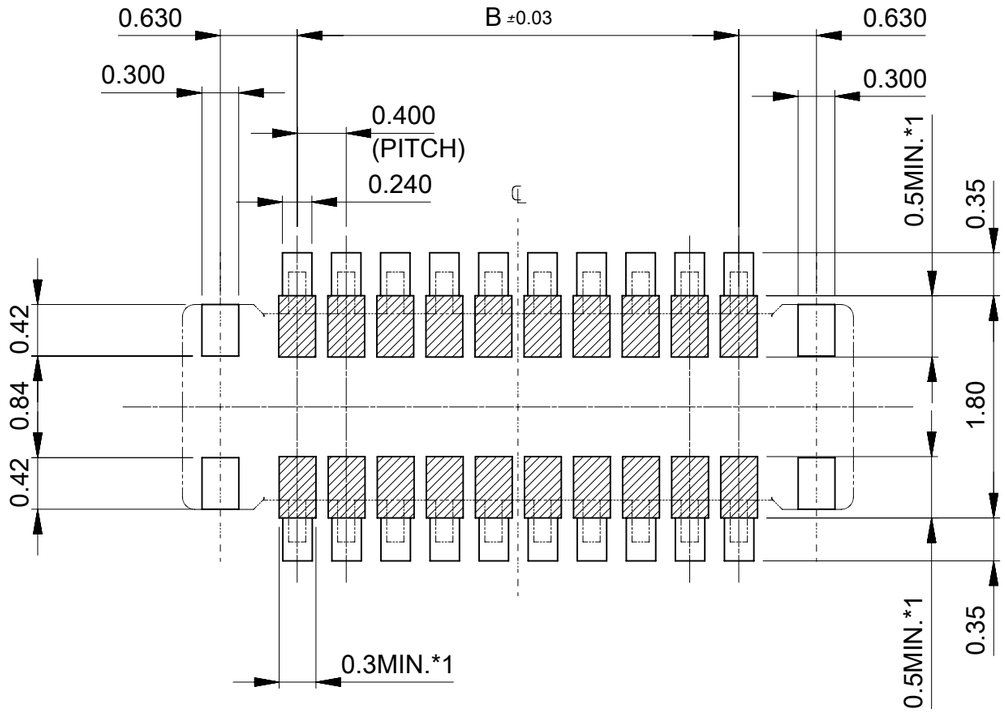
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5033081000	PSD	000	D2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503308	SEE CHART	GENERAL	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2025/07/01 07:04:13

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



RECOMMENDED P.W.BOARD PATTERN LAYOUT(REFERENCE)

.

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

*1 パターン引き回し、および半田禁止エリア
(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。)

*1 PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT.)

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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molex

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DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5033081000	PSD	000	D2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	503308	SEE CHART	GENERAL	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2025/07/01 07:04:13

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