

NOTE.

1. 嵌合相手: 504051****
MATE WITH: 504051****

△ 偶数極の製品に適用
APPLY EVEN CIRCUIT PRODUCTS.

3. 材質

MATERIAL

ハウジング: 耐熱性樹脂 UL94-V0 BLACK

HOUSING: HEATPROOF RESIN UL94-V0 BLACK

ターミナル: 銅合金

TERMINAL: COPPER ALLOY

ネール: 銅合金

NAIL: COPPER ALLOY

4. メッキ

PLATING

ターミナル: 下地 Niメッキ 1μm MIN., コンタクト・半田付け部 Auメッキ 0.1μm MIN.

TERMINAL: UNDER NICKEL PLATING 1μm MIN.

CONTACT AND TAIL GOLD PLATING 0.1μm MIN.

ネール: 下地 Niメッキ 1μm MIN., Snメッキ 1μm MIN.

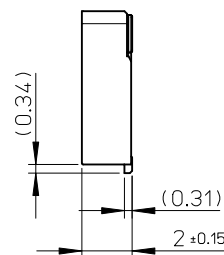
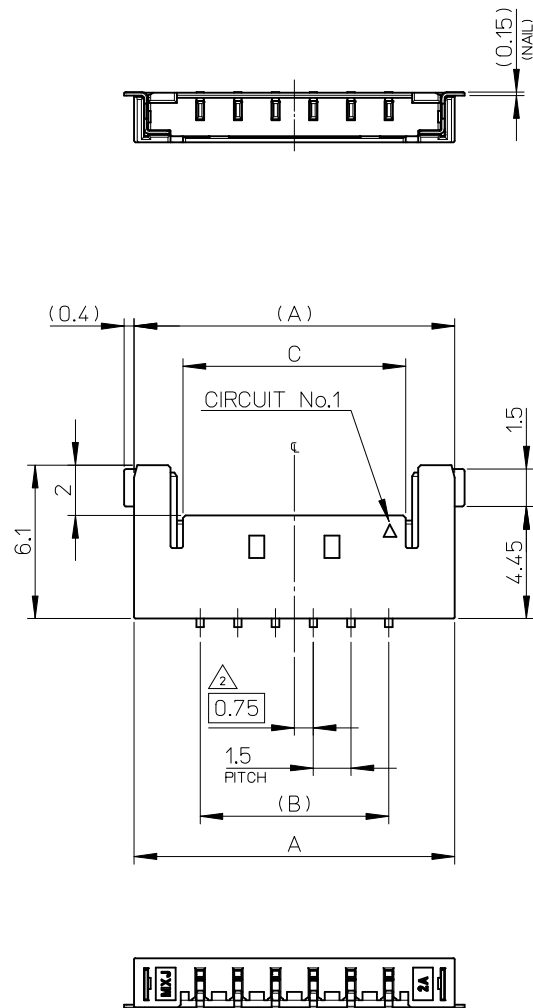
NAIL: UNDER NICKEL PLATING 1μm MIN., TIN PLATING 1μm MIN.

5. ソルダータイルとネールの平坦度: 0.08mm MAX.


SOLDER TAIL AND FITTING NAIL COPLANARITY: 0.08mm MAX.

6. ELV及びRoHS適合品

ELV AND RoHS COMPLIANT.



| | | | | |
|-----------------------------------|------|-------|-------------------------------|---------|
| 17.85 | 16.5 | 21.75 | 5040501291 | 12 |
| 14.85 | 13.5 | 18.75 | 5040501091 | 10 |
| 11.85 | 10.5 | 15.75 | 5040500891 | 8 |
| 10.35 | 9.0 | 14.25 | 5040500791 | 7 |
| 8.85 | 7.5 | 12.75 | 5040500691 | 6 |
| 7.35 | 6.0 | 11.25 | 5040500591 | 5 |
| 5.85 | 4.5 | 9.75 | 5040500491 | 4 |
| C | B | A | EMBOSSED PACKAGE ORDER No. | CIRCUIT |
| CONNECTOR SERIES No. : 504050**91 | | | | |

| | | | | | | | | | | | |
|---------|-------------------|---|-------------|--|--------|------------------------|----------------------------|--|---|------------------------|---|
| REVISED | EC NO: J2016-0297 | 2015/09/18 DRW:N-TAKAIKE 2015/10/02 CHKD:KASAKAWA 2015/10/02 APPR:NUKITA 2015/10/02 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | DIMENSION STYLE MM ONLY | | SCALE 5:1 | DESIGN UNITS METRIC |  THIRD ANGLE PROJECTION |
| | | | | 0.25 UNDER | | ± 0.03 | DRAWN BY THANYU | DATE 2012/03/29 | TITLE 1.5 WIRE TO BOARD CONN. R/A H=2MM HEADER ASS'Y molex | | |
| | | | | 0.25 OVER 0.5 UNDER | ± 0.05 | | | | | | |
| | | | | 0.5 OVER 1.0 UNDER | ± 0.1 | CHECKED BY KASAKAWA | DATE 2012/03/29 | | | | |
| | | | | 1.0 OVER 10 UNDER | ± 0.2 | | | | | | |
| | | | | 10 OVER 30 UNDER | ± 0.25 | APPROVED BY YOITO | DATE 2012/04/18 | | | | |
| | | | | 30 OVER | ± 0.3 | | | | | | |
| | | | | ANGULAR ±3 ° | | | MATERIAL NO. | DOCUMENT NO. SD-504050-001 | | SHEET NO. 1 OF 2 | |
| | | | | | | | SEE CHART | | | | |
| | | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| REV | | | | | | | | | | | |

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

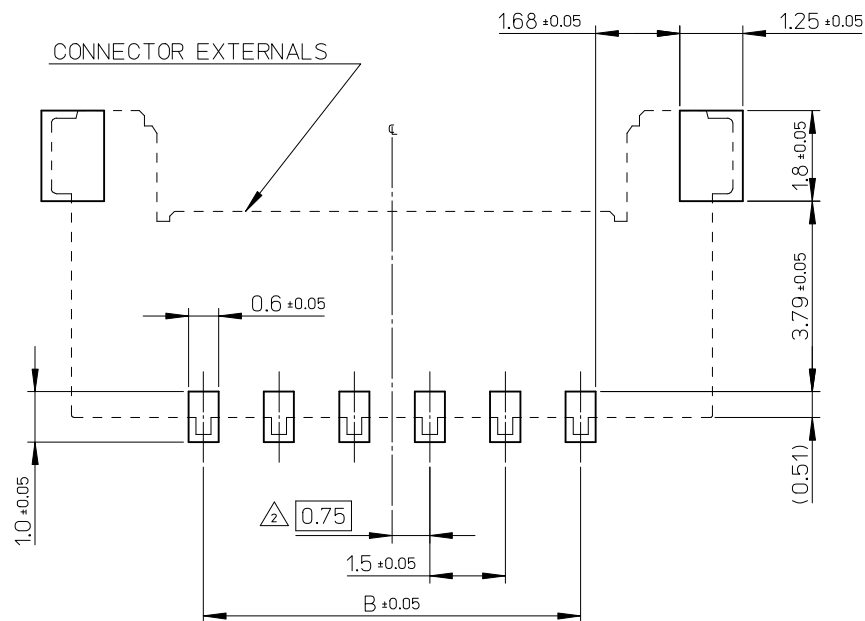
E

D

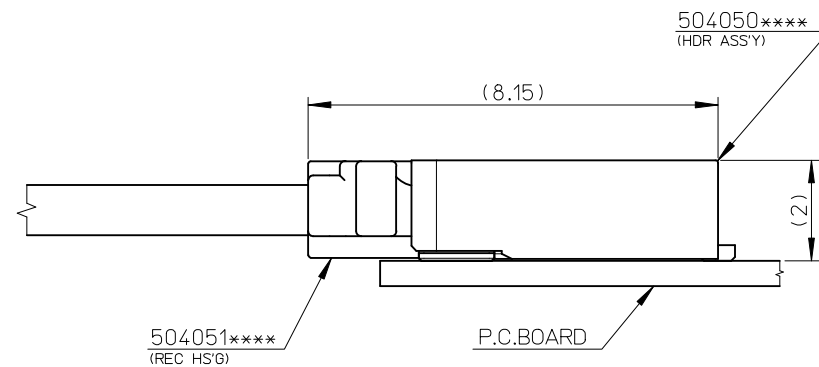
C

B

A

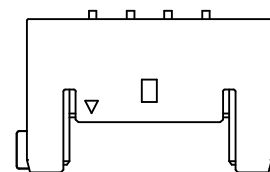


RECOMMENDED PATTERN LAYOUT (REF.)

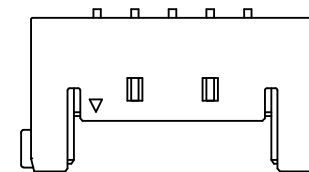


MATED CONNECTORS


NUMBER of LOCK ⑥

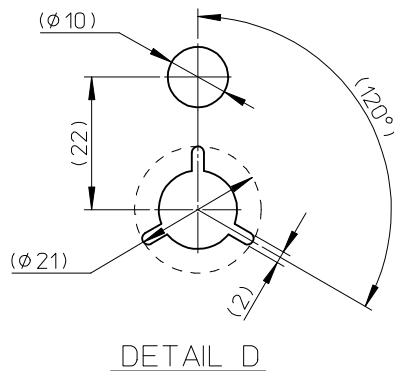
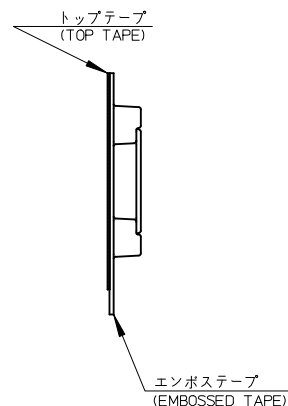


4 CIRCUITS



5-12 CIRCUITS

| | | | | | | | | | |
|--|-------------|--|--|-------|----------------------------|--|---|------------------------|---|
| REVISED EC NO: J2016-0297 G DRWN: TAKAIKE CHKD: KASAKAWA APPR: NUKITA | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | DIMENSION STYLE MM ONLY | | SCALE 10:1 | DESIGN UNITS METRIC |  THIRD ANGLE PROJECTION |
| | | 0.25 UNDER | | ±0.03 | DRAWN BY THANYU | DATE 2012/03/29 | TITLE 1.5 WIRE TO BOARD CONN. R/A H=2MM HEADER ASS'Y molex | | |
| | | 0.25 OVER 0.5 UNDER | | ±0.05 | CHECKED BY KASAKAWA | DATE 2012/03/29 | | | |
| | | 0.5 OVER 1.0 UNDER | | ±0.1 | APPROVED BY YOITO | DATE 2012/04/18 | | | |
| | | 1.0 OVER 10 UNDER | | ±0.2 | | | | | |
| | | 10 OVER 30 UNDER | | ±0.25 | | | | | |
| | | 30 OVER | | ±0.3 | MATERIAL NO. | | | | |
| | | ANGULAR ±3 ° | | | SEE CHART | | | DOCUMENT NO. | |
| | | | | | | SD-504050-001 | | 2 OF 2 | |
| | REV | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |



The diagram illustrates a pull-type production system. It shows a horizontal line representing the material flow. On the left, an arrow points left, labeled "引き出し方向" (Pull out direction) and "PULL OUT DIRECTION". A dimension line below the line indicates a distance of "400 MIN.". The main line has a shaded rectangular section in the middle, labeled "部品挿入部" (Component insertion part) and "COMPONENT SUPPLIER". Above this section, text indicates "空エンボス 20PIECES MIN." (Empty emboss 20 pieces min.) and "NUMBER OF EMPTY PART". To the right of the shaded section, another dimension line indicates a distance of "400 MIN." to the "末端部 (空部)" (Tail part (empty)) and "TAIL PART (EMPTY)".

6. トップテープの剥離強度については、IEC60286-3に準拠の事。
TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.

| | | | | |
|------|------|--------------------|------------|---------|
| 45.5 | 20.2 | 44 | 5040501291 | 12 |
| 33.5 | 14.2 | 32 | 5040501091 | 10 |
| 33.5 | 14.2 | 32 | 5040500891 | 8 |
| 25.5 | 11.5 | 24 | 5040500791 | 7 |
| 25.5 | 11.5 | 24 | 5040500691 | 6 |
| 25.5 | 11.5 | 24 | 5040500591 | 5 |
| 25.5 | 11.5 | 24 | 5040500491 | 4 |
| C | B | A WIDTH OF TAPE | ORDER No. | CIRCUIT |

tb_frame_A3_J_AM_S
Rev H 2014/11/25