

DESIGNATION

| 版 数 VER. | 年月日 DATE | CN NO. | 変 更 内 容 DESCRIPTION | 製 図 DR. | 担 当 CHK. | 査 閲 APPD. | 承 認 APPD. |
|-------------|-------------|--------|------------------------|------------|-------------|--------------|--------------|
| 2 | 23.Jan.2006 | 059045 | CHANGED BOSS LENGTH | —— | Y.YAHIRO | —— | K.HISATOMI |
| 3 | 30.Mar.2015 | 012843 | CORRECT AN ERROR | —— | S.YAMAGUCHI | M.SAKAKI | T.SHINDOU |
| 4 | 21.Feb.2019 | 028429 | CORRECTED FIGURES | M.SAITOU | Y.SATOU | —— | T.MASUMOTO |

NOTE 1. PRODUCTION LOT No. AS INDICATED.

(E x .) T 5 0 1

| LOT | NUMBER OF CURRENT MONTH |
|-----|-------------------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
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| 96 | 96 |
| 97 | 97 |
| 98 | 98 |
| 99 | 99 |
| 100 | 100 |

MONTH (1 TO 9 FOR JAN. TO SEPT. RESPECTIVELY,
OCT.:0, NOV.:X, DEC.:Y)

YEAR (LAST DIGIT ONLY)

MANUFACTURE CODE

SERIES PREFIX

No. OF CONTACTS

SOCKET TYPE

KEYING TYPE

| CONTACT FINISH | | | |
|----------------|-----------------------|------|----|
| 1: | Au (0.1 μ m Min.) | OVER | Ni |
| 2: | Au (0.3 μ m Min.) | OVER | Ni |

MODIFY CODE
E:5.9mm HIGHT WITH BOSS

HATCHED AREAS ILLUSTRATE MAXIMUM AVAILABLE COMPONENT VOLUME.

APPLICABLE DIMM(REF.)

COMPONENT AND ROUTING (ALL LAYERS,
TOP AND BOTTOM SIDE) KEEP OUT AREA
FOR LATCH SOLUTIONS. (NOTE 6)

NOTE 2. CARD THICKNESS APPLIES ACROSS TABS AND INCLUDES PLATING AND/OR METALIZATION.

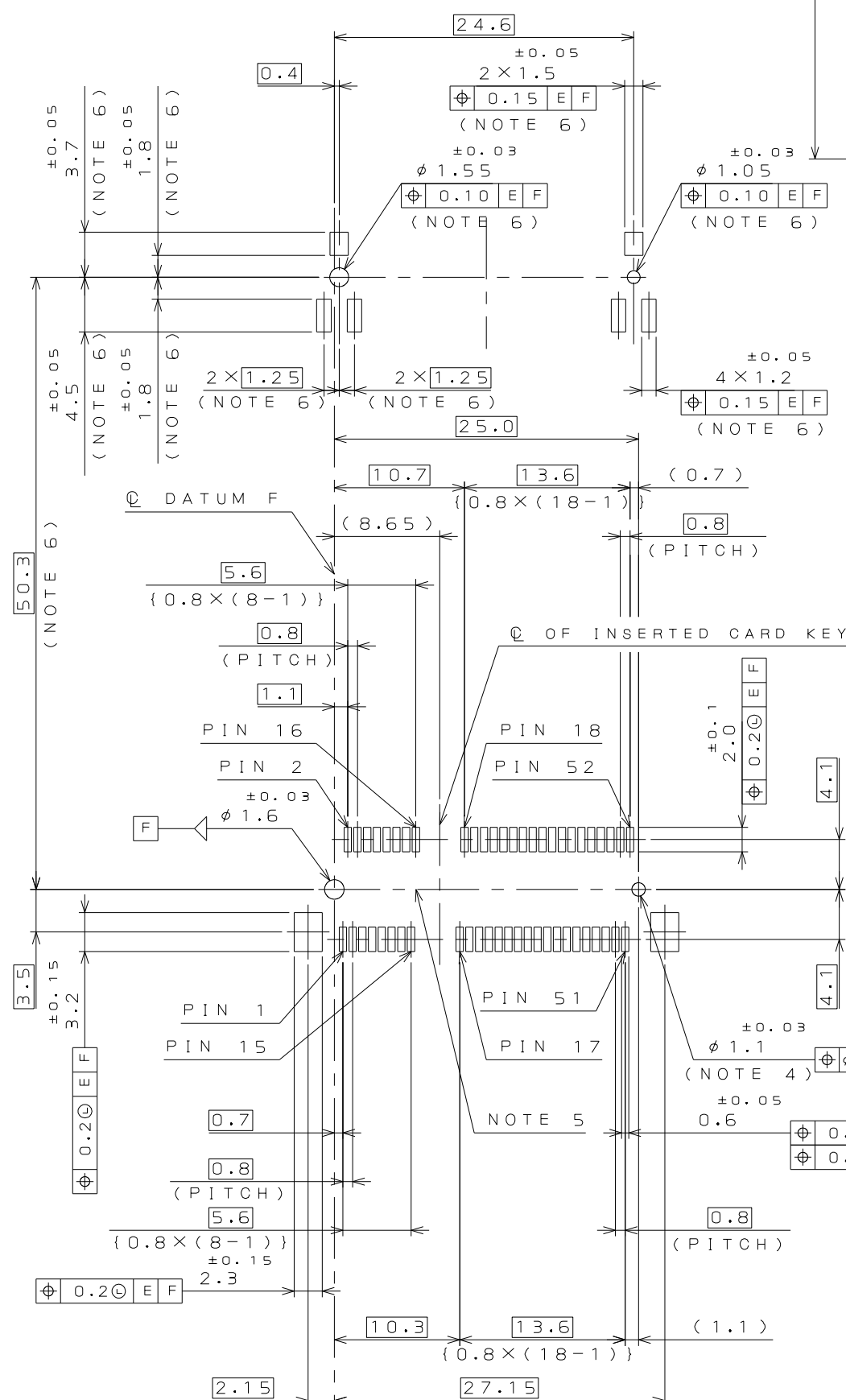
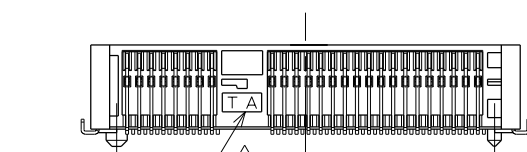
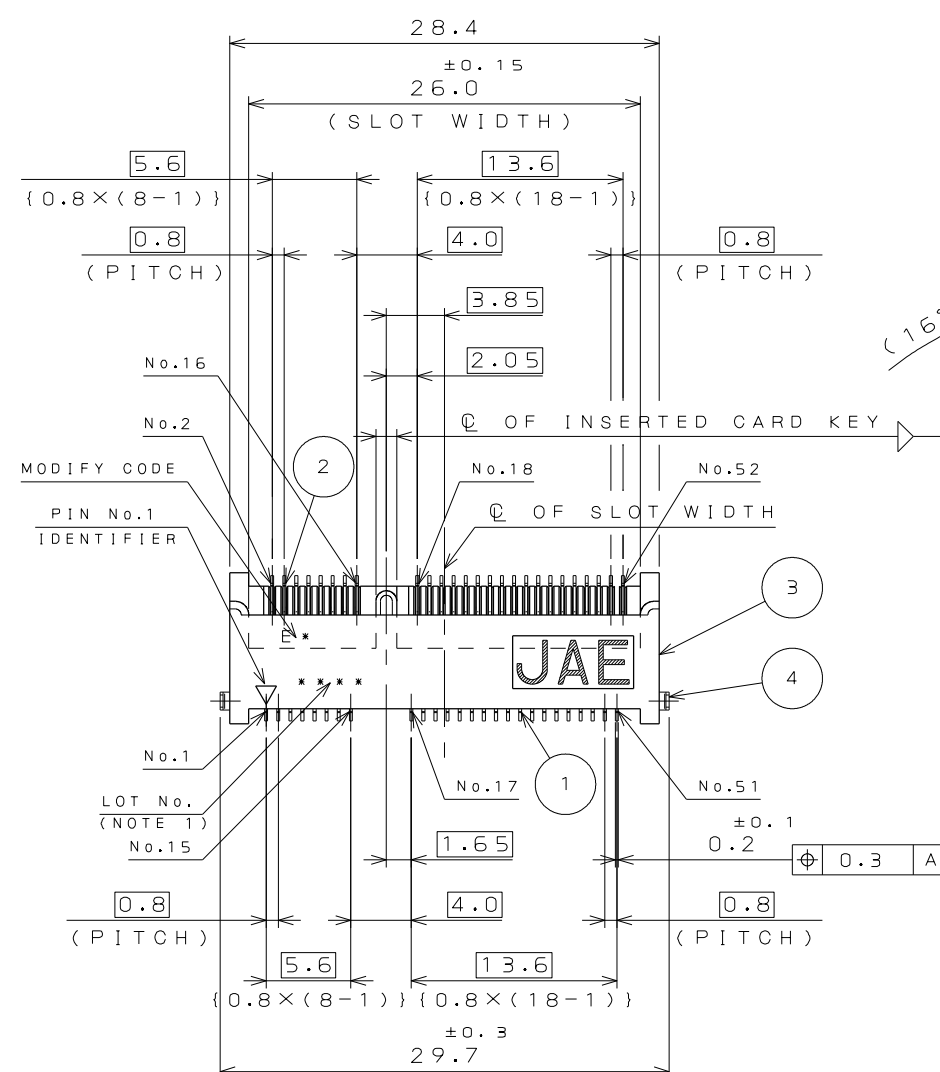
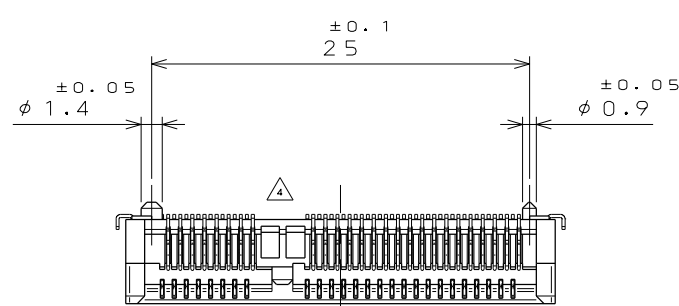
NOTE 3. BEVEL MUST BE FREE OF CUTTING BURRS.

NOTE 4. THE HORIZONTAL AXIS FOR THE PATTERN IS ESTABLISHED BY A LINE THROUGH THE CENTER OF THE $\phi 1.6$ AND $\phi 1.1$ HOLES.

THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM F.

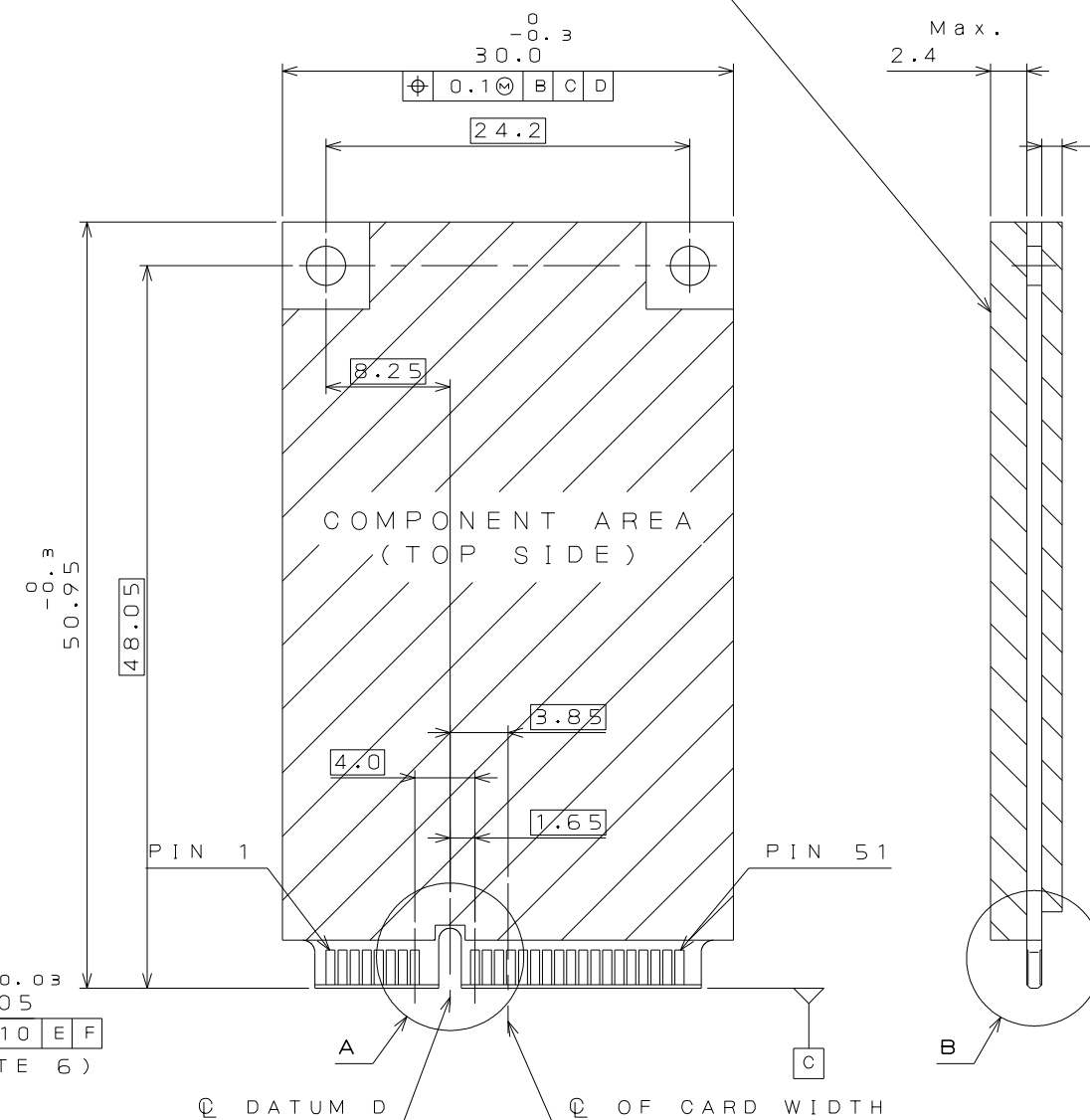
NOTE 5. LOCATION OF INSERTED CARD EDGE IS ALIGNED WITH C OF HOLES.

NOTE 6. ONLY WHEN THE LATCH SHOWN IN SJ105221(MM60-EZH059-B5) IS USED, THESE DIMENSIONS ARE APPLIED.



DATUM E IS THE TOP OF SURFACE OF PCB.
APPLICABLE P.C.B. DIMENSION(REF.)

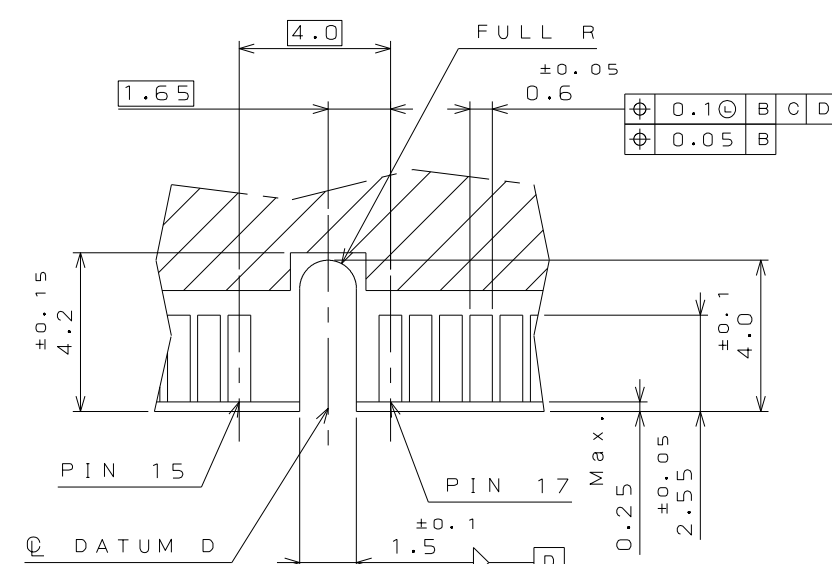
適合基板寸法（参考）



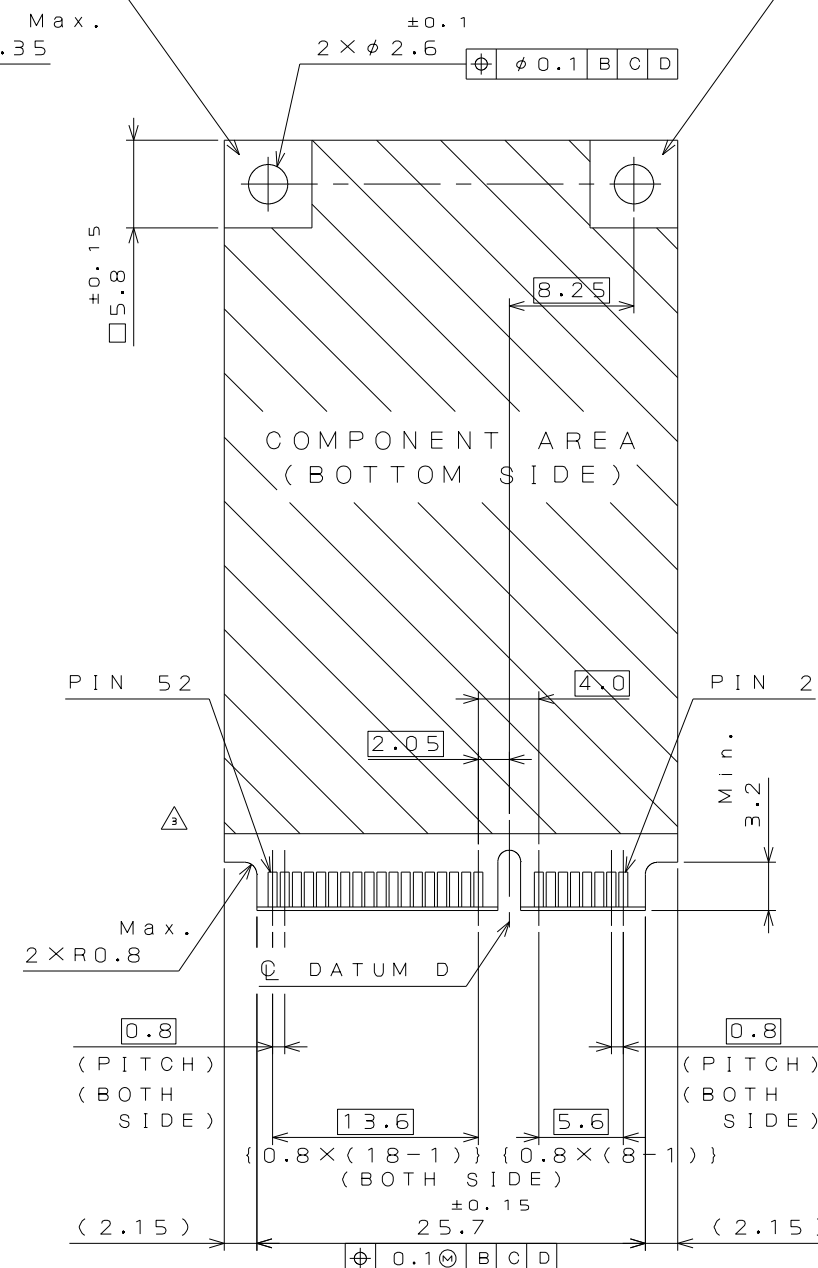
PIN NUMBERING REFERENCE :

ODD PINS - TOP SIDE



EVEN PINS - BOTTOM SIDE



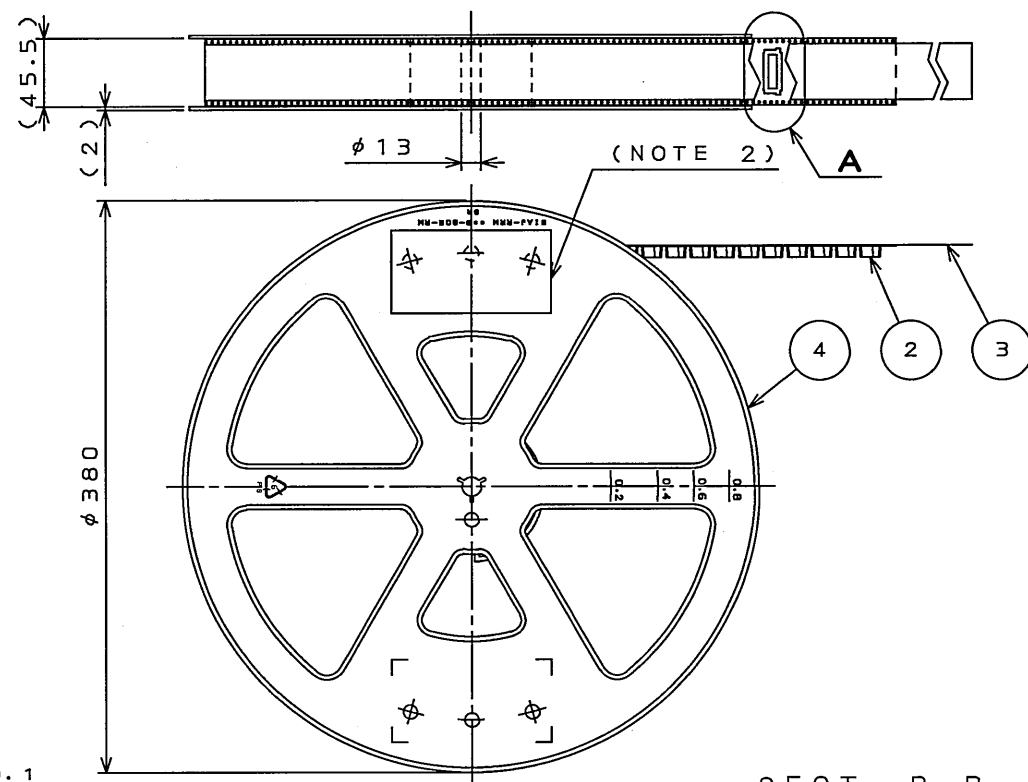
DETAIL A
 (SCALE 5 : 1)



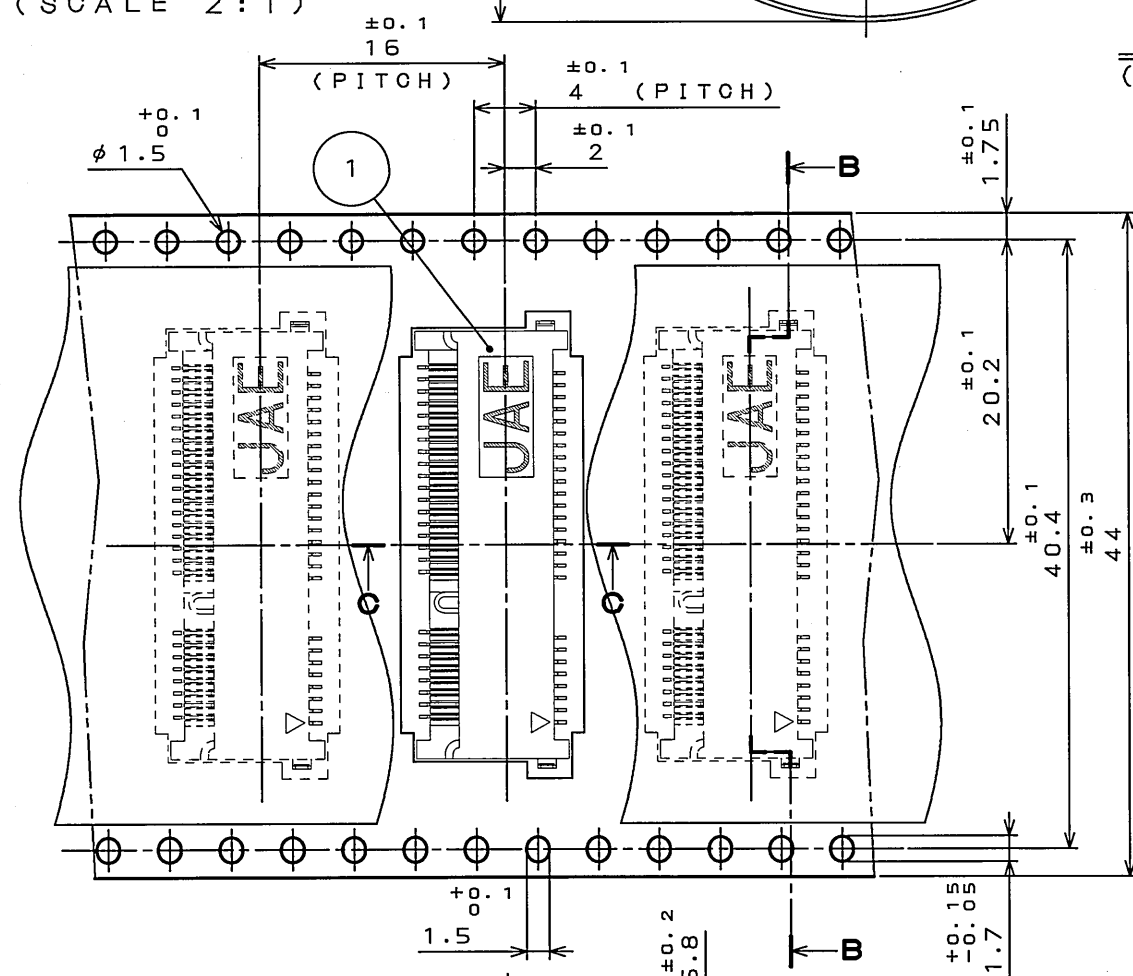
DETAIL B
(SCALE 10:1)

| | | | | | | | |
|--------------------------|---------------------|-----------------------------------|----------------|---|--|---|--|
| 4 | HOLD DOWN | 2 | COPPER ALLOY | TIN PLATING | | — — — — — | |
| 3 | INSULATOR | 1 | THERMOPLASTIC | — — — — — | | UL94 V-0 | |
| 2 | BOTTOM SIDE CONTACT | 26 | COPPER ALLOY | CONTACT AREA : Au OVER Ni SOLDERING AREA : GOLD FLASH OVER Ni | | — — — — — | |
| 1 | TOP SIDE CONTACT | 26 | COPPER ALLOY | CONTACT AREA : Au OVER Ni SOLDERING AREA : GOLD FLASH OVER Ni | | — — — — — | |
| 符号 No. | 名称 DESCRIPTION | 個数 QTY. | 材料 MATERIAL | 仕上 FINISH | | 備考 REMARKS | |
| 仕様書 (SPECIFICATION) | | 第1版 (ORIGINAL DATE) 5.Dec.2005 | | 尺度 (SCALE) 2:1 | | シリーズ (SERIES) MM60 | |
| JACS-10313 | | 製図 DR. | | 名称 (TITLE) | | 日本航空電子工業株式会社 | |
| 一般公差 (GENERAL TOLERANCE) | | 担当 CHK. | | MM60-52B*-E* | | JAPAN AVIATION ELECTRONICS INDUSTRY, LTD. | |
| 寸法 (DIMENSION) | | 角度 (ANGLE) | | | |  | |
| . ± 0.8 | | ° ± | | | | | |
| . × ± 0.4 | | ° × ± | | | | | |
| . × × ± 0.1 | | 承認 APPD. | | 質量 (MASS) | | 図面番号 (DRAWING NO.) | |
| . × × × ± | | 承諾 APPD. | | | | SJ105219 | |
| 単位 (UNIT) : mm | | | |  | | 版数 (VER) | |
| | | | | | | 4 | |

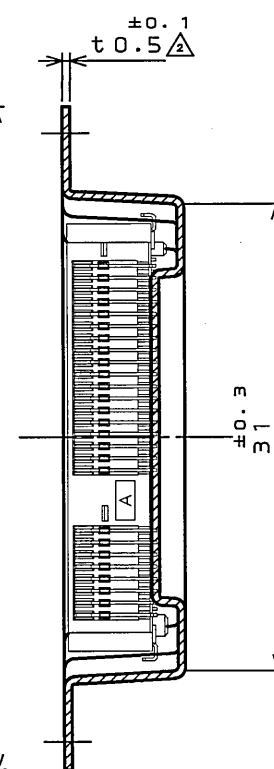
圖號(DRAWING NO.) S-J105220



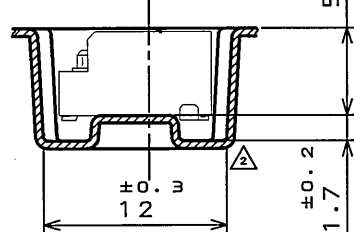
DETAIL A
(SCALE 2:1)



SECT. B-B
SCALE 2:1)



SECT. C-C
(SCALE 2:1)



| 版 数 REV. | 年 月 日 DATE | DCN NO. | 変 更 内 容 DESCRIPTION | 製 図 DR. | 担 当 CHK. | 査 閲 APPD. | 承 認 APPD. |
|-------------|---------------|---------|--|------------|-------------|--------------|--------------|
| 2 | 26.Apr.2007 | 062700 | REVISED PART NUMBER AND NO. OF CONNECTORS | — | T.MAEDA | — | Y.YAHIRO |
| | | | | | | | |
| | | | | | | | |

△NOTE 1. SUFFIX "R650" OF PART NUMBER MM60-52B*-E*-R650 INDICATES 650PCS IN REEL.





NOTE 2. THE LABEL IN WHICH PART No., NUMBER OF CONTACTS LOT No.,
TAPE WIDTH AND FEED PITCH ARE MARKED, IS ATTACHED AS SHOWN.

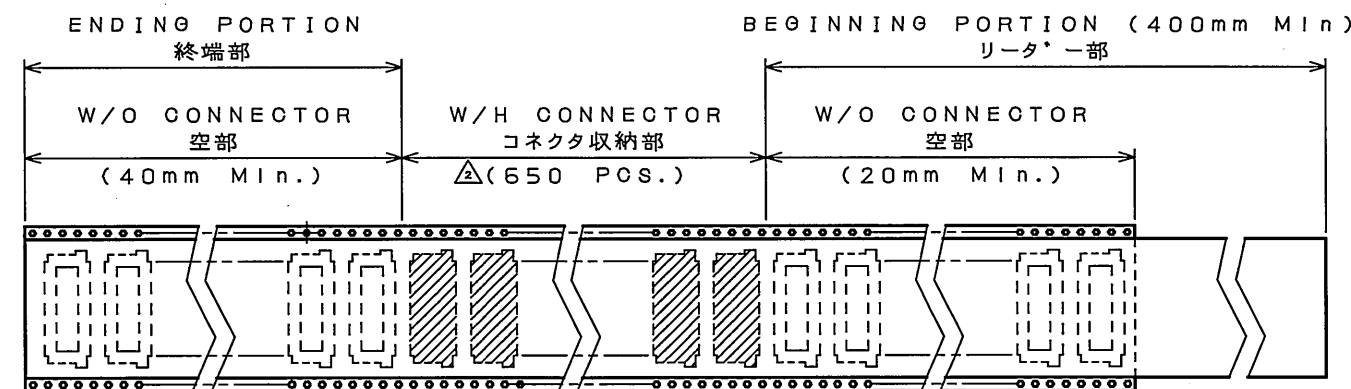
NOTE 3. REFER TO THE DRAWING SJ105219(MM60-52B*-E*) FOR CONNECTOR
DIMMENSION.

△注1. "MM60-52B*-E*-R650"は、収納数650個入りのリールに収納された品名を表す。

注2. 図示の位置に右下記のシールを貼り、品名、収納数、ロットNo.及び、テープの幅と送りピッチを記入する。


注3.コネクタ寸法は、SJ105219(MM60-52B*-E*)参照.

| | |
|---|---|
|  日本航空電子工業株式会社 MADE IN JAPAN | |
| 品名 | MM60-52B-E ■-R650  |
| 収納数 | 650  製造年月日 個入  K O P T N O . Y |
| 備考 | T B 4 4 1 6 |



DIRECTION

引き出し方向

| 4 | REEL | — | PLASTIC | | |
|--------------------------------------|-------------------|----------------------------------|----------------|---|---|
| 3 | COVER TAPE | — | POLYESTER | | |
| 2 | CARRIER TAPE | — | POLYSTYRENE | | |
| 1 | CONNECTOR | △ 650 | — | | MM60-52B*-E* SJ105219 (NOTE3) |
| 符号 NO. | 名称 DESCRIPTION | 個数 QTY. | 材料 MATERIAL | 仕上 FINISH | 備考 REMARKS |
| 仕様書(SPECIFICATION) JACS-10313 | | 第1版(ORIGINAL DATE) 5.Dec.2005 | | 尺度(SCALE) 1:5 | シリーズ(SERIES) MM60 |
| 一般公差(GENERAL TOLERANCE) | | 製図 DR. | | 名称(TITLE) MM60 -52B*-E*-R650 △ | 日本航空電子工業株式会社 JAPAN AVIATION ELECTRONICS INDUSTRY, LTD.  図面番号(DRAWING NO.) SJ105220 |
| 寸法(DIMENSION) 角度(ANGLES) | | 担当 CHK. | Y.YAHIRO | | |
| . ±0.8 X° ± | | 査閲 APPD. | | | |
| .X ±0.4 X°X'± | | 承認 APPD. | K.HISATOMI | | |
| .XX ±0.1 | | | | 質量(MASS) | |
| .XXX ± | | | | | |

JAE CONNECTOR DIV. PROPRIETARY.
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DOF-0-212F(05.08)