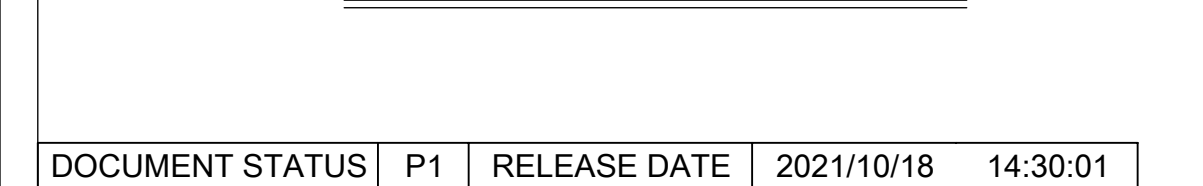
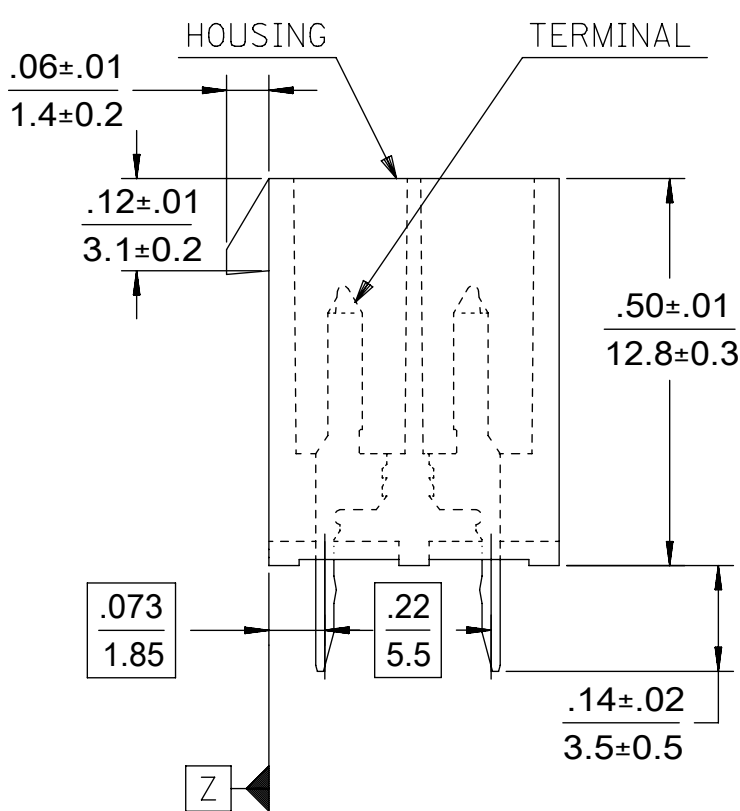


Figure 1: Circuit size layout. The top part shows 12 circuit configurations labeled 2 CKTS. to 24 CKTS. Each configuration is a grid of numbered boxes (1-24) representing circuit components. The bottom part is a technical drawing of the circuit board layout with dimensions and labels.

Technical drawing labels and dimensions:

- Overall width:  $A \pm .016$  /  $\pm 0.40$
- Overall height:  $B$
- Top-left dimension:  $.02 \pm .01$  /  $0.4 \pm 0.2$
- Top-right dimension:  $.11$  /  $2.7$
- Bottom-left dimension:  $.17 \text{ TYP}$  /  $4.2$
- Bottom-right dimension:  $\phi .04 / 1.0$  Z Y

RIB INDICATES CIRCUIT NO. 1



**LEGEND**

5566 - N \* \* \* - \* - \*

BASE NUMBER \_\_\_\_\_

CIRCUIT SIZE \_\_\_\_\_

ASS'Y TYPE \_\_\_\_\_

    A : WITHOUT DRAIN HOLES

    B : WITHOUT DRAIN HOLES

TERMINAL MATERIAL \_\_\_\_\_

    SEE NOTE 1

TERMINAL PLATING \_\_\_\_\_

    SEE NOTE 2

HOUSING MATERIAL \_\_\_\_\_

    SEE NOTE 1

COLOR OR PACKAGING \_\_\_\_\_

    BL : BLACK      RE : RED      GR : GRAY

    BU : BLUE      YE : YELLOW      GRE : GREEN

    V : VIOLET      OR : ORANGE

    TA : TRAY PACKAGING SEE NOTE 4

    TR : TRAY PACKAGING SEE NOTE 4

| <small>           FORMAT: Exp.lega number (b-grad C)<br/>           RESPOBIL E<br/>           DATE: 2020/01/14         </small> |    |    |   |   |   |   |   |   |   |   |   |
|---------------------------------------------------------------------------------------------------------------------------------|----|----|---|---|---|---|---|---|---|---|---|
| 12                                                                                                                              | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

|               |          |          |    |                |             |                 |            |                |            |               |          |              |         |          |          |             |            |              |   |              |              |  |
|---------------|----------|----------|----|----------------|-------------|-----------------|------------|----------------|------------|---------------|----------|--------------|---------|----------|----------|-------------|------------|--------------|---|--------------|--------------|--|
| 12            | 11       |          | 10 |                | 9           |                 | 8          |                | 7          |               | 6        |              | 5       |          | 4        |             | 3          |              | 2 |              | 1            |  |
|               |          |          |    |                | 39-30-9245  | 5566-24AGS2-210 | 39-29-6248 | 5566-24AGS-210 |            |               |          |              |         |          |          |             | 39-28-8240 | 5566-24A-210 |   | 24           |              |  |
|               |          |          |    |                | 39-30-9225  | 5566-22AGS2-210 | 39-29-6228 | 5566-22AGS-210 |            |               |          |              |         |          |          |             | 39-28-8220 | -22A-210     |   | 22           |              |  |
|               |          |          |    |                | 39-30-9205  | 5566-20AGS2-210 | 39-29-6208 | 5566-20AGS-210 |            |               |          |              |         |          |          |             | 39-28-8200 | -20A-210     |   | 20           |              |  |
|               |          |          |    |                | 39-30-9185  | 5566-18AGS2-210 | 39-29-6188 | 5566-18AGS-210 |            |               |          |              |         |          |          |             | 39-28-8180 | -18A-210     |   | 18           |              |  |
|               |          |          |    |                | 39-30-9165  | 5566-16AGS2-210 | 39-29-6168 | 5566-16AGS-210 | 39-30-6162 | 5566-16AS-210 |          |              |         |          |          |             | 39-28-8160 | -16A-210     |   | 16           |              |  |
|               |          |          |    |                | 39-30-9145  | 5566-14AGS2-210 | 39-29-6148 | 5566-14AGS-210 |            |               |          |              |         |          |          |             | 39-28-8140 | -14A-210     |   | 14           |              |  |
|               |          |          |    |                | 39-30-9125  | 5566-12AGS2-210 | 39-29-6128 | 5566-12AGS-210 |            |               |          |              |         |          |          |             | 39-28-8120 | -12A-210     |   | 12           |              |  |
|               |          |          |    |                | 39-30-9105  | 5566-10AGS2-210 | 39-29-6108 | 5566-10AGS-210 |            |               |          |              |         |          |          |             | 39-28-8100 | -10A-210     |   | 10           |              |  |
|               |          |          |    |                | 39-30-9085  | 5566-08AGS2-210 | 39-29-6088 | 5566-08AGS-210 | 39-30-6082 | 5566-08AS-210 |          |              |         |          |          |             | 39-28-8080 | -08A-210     |   | 8            |              |  |
|               |          |          |    |                | 39-30-9065  | 5566-06AGS2-210 | 39-29-6068 | 5566-06AGS-210 | 39-30-6062 | 5566-06AS-210 |          |              |         |          |          |             | 39-28-8060 | -06A-210     |   | 6            |              |  |
|               |          |          |    |                | 39-30-9045  | 5566-04AGS2-210 | 39-29-6048 | 5566-04AGS-210 | 39-30-6042 | 5566-04AS-210 |          |              |         |          |          |             | 39-28-8040 | -04A-210     |   | 4            |              |  |
|               |          |          |    |                | 39-30-9025  | 5566-02AGS2-210 | 39-29-6028 | 5566-02AGS-210 |            |               |          |              |         |          |          |             | 39-28-8020 | 5566-02A-210 |   | 2            |              |  |
|               | EDP NO.  | ENG. NO. |    |                | EDP NO.     | ENG. NO.        |            | EDP NO.        | ENG. NO.   |               | EDP NO.  | ENG. NO.     |         | EDP NO.  | ENG. NO. |             | EDP NO.    | ENG. NO.     |   |              | CKT.<br>SIZE |  |
| 5566-NAPB-210 |          |          |    | 5566-NAGS2-210 |             |                 |            | 5566-NAGS-210  |            |               |          | 5566-NAS-210 |         |          |          | 5566-NA-210 |            |              |   |              |              |  |
|               |          |          |    | 39-30-9244     | 5566-24AGS2 | 39-29-0243      | 5566-24AGS |                |            |               |          |              |         |          |          |             | 39-28-1243 | 5566-24A     |   | 24           |              |  |
|               |          |          |    | 39-30-9224     | 5566-22AGS2 |                 |            |                |            |               |          |              |         |          |          |             | 39-28-1223 | 5566-22A     |   | 22           |              |  |
|               |          |          |    | 39-30-9204     | 5566-20AGS2 | 39-29-0203      | 5566-20AGS |                |            |               |          |              |         |          |          |             | 39-28-1203 | 5566-20A     |   | 20           |              |  |
|               |          |          |    | 39-30-9184     | 5566-18AGS2 | 39-29-0183      | 5566-18AGS |                |            |               |          |              |         |          |          |             | 39-28-1183 | 5566-18A     |   | 18           |              |  |
|               |          |          |    | 39-30-9164     | 5566-16AGS2 |                 |            |                |            |               |          |              |         |          |          |             | 39-28-1163 | 5566-16A     |   | 16           |              |  |
|               |          |          |    | 39-30-9144     | 5566-14AGS2 |                 |            |                |            |               |          |              |         |          |          |             | 39-28-1143 | 5566-14A     |   | 14           |              |  |
|               |          |          |    | 39-30-9124     | 5566-12AGS2 | 39-29-0123      | 5566-12AGS |                |            |               |          |              |         |          |          |             | 39-28-1123 | 5566-12A     |   | 12           |              |  |
|               |          |          |    | 39-30-9104     | 5566-10AGS2 | 39-29-0103      | 5566-10AGS | 39-30-6101     | 5566-10AS  |               |          |              |         |          |          |             | 39-28-1103 | 5566-10A     |   | 10           |              |  |
|               |          |          |    | 39-30-9084     | 5566-08AGS2 | 39-29-0083      | 5566-08AGS | 39-30-6081     | 5566-08AS  |               |          |              |         |          |          |             | 39-28-1083 | 5566-08A     |   | 8            |              |  |
|               |          |          |    | 39-30-9064     | 5566-06AGS2 | 39-29-0063      | 5566-06AGS |                |            |               |          |              |         |          |          |             | 39-28-1063 | 5566-06A     |   | 6            |              |  |
|               |          |          |    | 39-30-9044     | 5566-04AGS2 | 39-29-0043      | 5566-04AGS |                |            |               |          |              |         |          |          |             | 39-28-1043 | 5566-04A     |   | 4            |              |  |
|               |          |          |    | 39-30-9024     | 5566-02AGS2 | 39-29-0023      | 5566-02AGS |                |            |               |          |              |         |          |          |             | 39-28-1023 | 5566-02A     |   | 2            |              |  |
| EDP NO.       | ENG. NO. |          |    | EDP NO.        | ENG. NO.    |                 | EDP NO.    | ENG. NO.       |            | EDP NO.       | ENG. NO. |              | EDP NO. | ENG. NO. |          | EDP NO.     | ENG. NO.   |              |   | CKT.<br>SIZE |              |  |
| 5566-NAPB     |          |          |    | 5566-NAGS2     |             |                 |            | 5566-NAGS      |            |               |          | 5566-NAS     |         |          |          | 5566-NA     |            |              |   |              |              |  |

PARTS WITHOUT DRAIN HOLES

12

11

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DOCUMENT STATUS

P1

RELEASE DATE

2021/10/18

14:30:01

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1

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DIMENSION UNITS

IN/MM

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|                                                            |         |         |
|------------------------------------------------------------|---------|---------|
|                                                            | MM      | INCH    |
| 4 PLACES                                                   | ±       | ±       |
| 3 PLACES                                                   | ±       | ± 0.005 |
| 2 PLACES                                                   | ± 0.13  | ± 0.01  |
| 1 PLACE                                                    | ± 0.25  | ±       |
| 0 PLACES                                                   | ±       | ±       |
| ANGULAR TOL                                                | ± 0.5 ° |         |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         |         |

CURRENT REV DESC:

EC NO: 681570

DRWN: HPAN18

CHK'D: XQZHANG

APPR: XQZHANG

2021/10/07

2021/10/18

2021/10/18

INITIAL REVISION:

DRWN: H.HIRAMOTO

APPR: FSMITH

1989/04/03

2012/05/04

THIRD ANGLE PROJECTION

C-SIZE

DRAWING

SERIES

5566

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M4

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 5

FORMATT: Exp Hgpr Header to print C

REVISION: E

DATE: 2020/01/16



[illegible]

TRAY PACKED PART NUMBERS

PARTS WITHOUT DRAIN HOLES

|                                                                                                         |            |            |                                                                                                         |            |                |              |
|---------------------------------------------------------------------------------------------------------|------------|------------|---------------------------------------------------------------------------------------------------------|------------|----------------|--------------|
| TRAY PACKED PER TA  | 46999-0137 | 5566-24AMS | TRAY PACKED PER TA  | 46999-0149 | 5566-24AMS-210 | 24           |
|                                                                                                         | 46999-0136 | 5566-22AMS |                                                                                                         | 46999-0148 | 5566-22AMS-210 | 22           |
|                                                                                                         | 46999-0135 | 5566-20AMS |                                                                                                         | 46999-0147 | 5566-20AMS-210 | 20           |
|                                                                                                         | 46999-0134 | 5566-18AMS |                                                                                                         | 46999-0146 | 5566-18AMS-210 | 18           |
|                                                                                                         | 46999-0133 | 5566-16AMS |                                                                                                         | 46999-0145 | 5566-16AMS-210 | 16           |
|                                                                                                         | 46999-0132 | 5566-14AMS |                                                                                                         | 46999-0144 | 5566-14AMS-210 | 14           |
|                                                                                                         | 46999-0131 | 5566-12AMS |                                                                                                         | 46999-0143 | 5566-12AMS-210 | 12           |
|                                                                                                         | 46999-0130 | 5566-10AMS |                                                                                                         | 46999-0142 | 5566-10AMS-210 | 10           |
|                                                                                                         | 46999-0129 | 5566-08AMS |                                                                                                         | 46999-0141 | 5566-08AMS-210 | 8            |
|                                                                                                         | 46999-0128 | 5566-06AMS |                                                                                                         | 46999-0140 | 5566-06AMS-210 | 6            |
|                                                                                                         | 46999-0127 | 5566-04AMS |                                                                                                         | 46999-0139 | 5566-04AMS-210 | 4            |
|                                                                                                         | 46999-0126 | 5566-02AMS |                                                                                                         | 46999-0138 | 5566-02AMS-210 | 2            |
|                                                                                                         | EDP. NO.   | ENG. NO.   |                                                                                                         | EDP. NO.   | ENG. NO.       | CKT.<br>SIZE |
| 5566-NAMS                                                                                               |            |            | 5566-NAMS-210                                                                                           |            |                |              |

|                  |                   |            |             |              |
|------------------|-------------------|------------|-------------|--------------|
|                  |                   |            |             | 24           |
|                  |                   |            |             | 22           |
|                  |                   |            |             | 20           |
|                  |                   | 39-53-9188 | 5566-18A-TA | 18           |
|                  |                   |            |             | 16           |
|                  |                   |            |             | 14           |
|                  |                   |            |             | 12           |
|                  |                   |            |             | 10           |
|                  |                   |            |             | 8            |
| 46999-0630       | 5566-06AGS2-BL-TA |            |             | 6            |
| 46999-0629       | 5566-04AGS2-BL-TA |            |             | 4            |
|                  |                   |            |             | 2            |
| EDP NO.          | ENG. NO.          | EDP NO.    | ENG. NO.    | CKT.<br>SIZE |
| 5566-NAGS2-BL-TA |                   | 5566-NA-TA |             |              |

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DIMENSION UNITS

IN/MM

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|                                                            |         |         |
|------------------------------------------------------------|---------|---------|
|                                                            | MM      | INCH    |
| 4 PLACES                                                   | ±       | ±       |
| 3 PLACES                                                   | ±       | ± 0.005 |
| 2 PLACES                                                   | ± 0.13  | ± 0.01  |
| 1 PLACE                                                    | ± 0.25  | ±       |
| 0 PLACES                                                   | ±       | ±       |
| ANGULAR TOL                                                | ± 0.5 ° |         |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         |         |

CURRENT REV DESC:

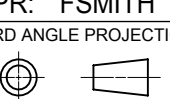
EC NO: 681570  
DRWN: HPAN18  
CHK'D: XQZHANG  
APPR: XQZHANG

2021/10/07  
2021/10/18  
2021/10/18

INITIAL REVISION:  
DRWN: H.HIRAMOTO  
APPR: FSMITH

1989/04/03  
2012/05/04

THIRD ANGLE PROJECTION



DRAWING  
C-SIZE

SERIES  
5566



MINI FIT JR VERTICAL  
HEADER ASSEMBLIES WITHOUT PEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER  
SD-5566-002

DOC TYPE  
PSD

DOC PART  
000

REVISION  
M4

MATERIAL NUMBER  
SEE TABLE

CUSTOMER  
GENERAL MARKET

SHEET NUMBER  
5 OF 5