



|           |               |          |          |            |                |                 |            |                |               |               |           |          |              |              |              |              |
|-----------|---------------|----------|----------|------------|----------------|-----------------|------------|----------------|---------------|---------------|-----------|----------|--------------|--------------|--------------|--------------|
| H         | 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.     | 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     |               | 5566-10AS |          | 39-28-1103   | 5566-10A     | 10           |              |
|           |               |          |          | 39-30-9084 | 5566-08AGS2    | 39-29-0083      | 5566-08AGS |                |               |               | 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.     | CKT.<br>SIZE |              |
| 5566-NAPB |               |          |          | 5566-NAGS2 |                |                 |            | 5566-NAGS      |               |               |           | 5566-NAS |              | 5566-NA      |              |              |

PARTS WITHOUT DRAIN HOLES

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

DIMENSION UNITS

IN/MM

SCALE

NTS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|                                                            |         |         |
|------------------------------------------------------------|---------|---------|
|                                                            | MM      | INCH    |
| 4 PLACES                                                   | ±       | ±       |
| 3 PLACES                                                   | ±       | ± 0.015 |
| 2 PLACES                                                   | ± 0.38  | ± 0.02  |
| 1 PLACE                                                    | ± 0.5   | ±       |
| 0 PLACES                                                   | ±       | ±       |
| ANGULAR TOL                                                | ± 3.0 ° |         |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         |         |

CURRENT REV DESC: REMOVED OBSOLETE PART  
NUMBERS AS PER PCN#516558

EC NO: 818232

DRWN: VISHAH2

CHK'D: GGA

APPR: GGA

2025/02/25

2025/04/22

2025/04/22

INITIAL REVISION:

DRWN: H.HIRAMOTO

APPR: FSMITH

1989/04/03

2012/05/04

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

DOC PART

000

REVISION

M8

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 5

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

5566

FORMATS: English-Metric-Imperial-C

REVISION: E1

DATE: 2025/05/01

| 7                 | 6                  | 5                 | 4          | 3              | 2        | 1          |              |           |
|-------------------|--------------------|-------------------|------------|----------------|----------|------------|--------------|-----------|
|                   |                    |                   |            |                |          | 24         | H            |           |
|                   |                    |                   |            |                |          | 22         |              |           |
|                   |                    |                   |            |                |          | 20         |              |           |
|                   |                    |                   |            |                |          | 18         |              |           |
|                   |                    | 39-31-0168        |            | 5566-16BGS-210 |          | 39-31-0160 | 5566-16B-210 | 16        |
|                   |                    | 39-31-0148        |            | 5566-14BGS-210 |          | 39-31-0140 | 5566-14B-210 | 14        |
|                   |                    | 39-31-0128        |            | 5566-12BGS-210 |          | 39-31-0120 | 5566-12B-210 | 12        |
|                   |                    | 39-31-0108        |            | 5566-10BGS-210 |          | 39-31-0100 | 5566-10B-210 | 10        |
|                   |                    | 39-31-0088        |            | 5566-08BGS-210 |          | 39-31-0080 | 5566-08B-210 | 8         |
|                   |                    | 39-31-0068        |            | 5566-06BGS-210 |          | 39-31-0060 | 5566-06B-210 | 6         |
|                   |                    | 39-31-0048        |            | 5566-04BGS-210 |          | 39-31-0040 | 5566-04B-210 | 4         |
|                   |                    | 39-31-0028        |            | 5566-02BGS-210 |          | 39-31-0020 | 5566-02B-210 | 2         |
|                   |                    |                   |            | EDP NO.        | ENG. NO. | EDP NO.    | ENG. NO.     | CKT. SIZE |
|                   |                    | 5566-NBGS-210     |            | 5566-NB-210    |          |            |              |           |
|                   |                    |                   |            |                |          | 24         | F            |           |
|                   |                    |                   |            |                |          | 22         |              |           |
|                   |                    | 39-31-0207        | 5566-20BGS | 39-29-3206     | 5566-20B | 20         |              |           |
|                   |                    |                   |            |                |          | 18         |              |           |
|                   |                    | <b>39-31-0167</b> | 5566-16BGS | 39-29-3166     | 5566-16B | 16         |              |           |
|                   |                    | 39-31-0147        | 5566-14BGS | 39-29-3146     | 5566-14B | 14         |              |           |
|                   |                    |                   |            | 39-29-3126     | 5566-12B | 12         |              |           |
|                   |                    | 39-31-0107        | 5566-10BGS | 39-29-3106     | 5566-10B | 10         |              |           |
|                   |                    | 39-31-0087        | 5566-08BGS | 39-29-3086     | 5566-08B | 8          |              |           |
|                   |                    | 39-31-0067        | 5566-06BGS | 39-29-3066     | 5566-06B | 6          |              |           |
| <b>39-30-9046</b> | <b>5566-04BGS2</b> | 39-31-0047        | 5566-04BGS | 39-29-3046     | 5566-04B | 4          |              |           |
|                   |                    | 39-31-0027        | 5566-02BGS | 39-29-3026     | 5566-02B | 2          |              |           |
|                   |                    | EDP NO.           | ENG. NO.   | EDP NO.        | ENG. NO. | CKT. SIZE  | E            |           |
|                   |                    | 5566-NBGS2        |            | 5566-NB        |          |            |              |           |

## PARTS WITHOUT DRAIN HOLES

PART NUMBERS IN THIS SHEET ARE NOT RECOMMENDED FOR NEW APPLICATION.  
ALL WITH DRAIN HOLE VERSION PRODUCTS ARE CHANGED TO WITHOUT DRAIN HOLE VERSION PRODUCTS.

|                                                                                                                                               |        |         |                                                                                                                                                                                                                 |                                                                   |                   |                |                                           |                                                        |                            |                 |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------|----------------|-------------------------------------------|--------------------------------------------------------|----------------------------|-----------------|------------------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |         |                                                                                                                                                                                                                 |                                                                   |                   |                |                                           |                                                        |                            |                 |                        |
| DIMENSION UNITS                                                                                                                               |        | SCALE   |                                                                                                                                                                                                                 | CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558 |                   |                |                                           | <div>molex</div>                                       |                            |                 |                        |
| IN/MM                                                                                                                                         |        | NTS     |                                                                                                                                                                                                                 |                                                                   |                   |                |                                           |                                                        |                            |                 |                        |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |        |         |                                                                                                                                                                                                                 |                                                                   |                   |                |                                           | MINI FIT JR VERTICAL<br>HEADER ASSEMBLIES WITHOUT PEGS |                            |                 |                        |
|                                                                                                                                               |        |         |                                                                                                                                                                                                                 |                                                                   |                   |                |                                           |                                                        |                            |                 |                        |
|                                                                                                                                               | MM     | INCH    | EC NO: 818232<br>DRWN: VISHAH22025/02/25<br>CHK'D: GGA2025/04/22<br>APPR: GGA2025/04/22                                                                                                                         |                                                                   |                   |                | PRODUCT CUSTOMER DRAWING                  |                                                        |                            |                 |                        |
| 4 PLACES                                                                                                                                      | ±      | ±       |                                                                                                                                                                                                                 |                                                                   |                   |                |                                           |                                                        |                            |                 |                        |
| 3 PLACES                                                                                                                                      | ±      | ± 0.015 |                                                                                                                                                                                                                 |                                                                   |                   |                |                                           |                                                        |                            |                 |                        |
| 2 PLACES                                                                                                                                      | ± 0.38 | ± 0.02  |                                                                                                                                                                                                                 |                                                                   |                   |                |                                           |                                                        |                            |                 |                        |
| 1 PLACE                                                                                                                                       | ± 0.5  | ±       |                                                                                                                                                                                                                 |                                                                   |                   |                |                                           |                                                        |                            |                 |                        |
| 0 PLACES                                                                                                                                      | ±      | ±       | INITIAL REVISION:<br>DRWN: H.HIRAMOTO1989/04/03<br>APPR: FSMITH2012/05/04                                                                                                                                       |                                                                   |                   |                | DOCUMENT NUMBER<br><div>SD-5566-002</div> |                                                        | DOC TYPE<br>PSD            | DOC PART<br>000 | REVISION<br>M8         |
| ANGULAR TOL ± 3.0 °                                                                                                                           |        |         |                                                                                                                                                                                                                 |                                                                   |                   |                |                                           |                                                        |                            |                 |                        |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |        |         | THIRD ANGLE PROJECTION<br><div></div> |                                                                   | DRAWING<br>C-SIZE | SERIES<br>5566 | MATERIAL NUMBER<br>SEE TABLE              |                                                        | CUSTOMER<br>GENERAL MARKET |                 | SHEET NUMBER<br>3 OF 5 |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/04/22 | 05:23:44 |
|-----------------|----|--------------|------------|----------|



[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                                                                                              |            |                |              |

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

DIMENSION UNITS

IN/MM

SCALE

NTS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|             |         |         |
|-------------|---------|---------|
|             | MM      | INCH    |
| 4 PLACES    | ±       | ±       |
| 3 PLACES    | ±       | ± 0.015 |
| 2 PLACES    | ± 0.38  | ± 0.02  |
| 1 PLACE     | ± 0.5   | ±       |
| 0 PLACES    | ±       | ±       |
| ANGULAR TOL | ± 3.0 ° |         |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETE PART  
NUMBERS AS PER PCN#516558

EC NO: 818232

DRWN: VISHAH2

CHK'D: GGA

APPR: GGA

2025/02/25

2025/04/22

2025/04/22

INITIAL REVISION:

DRWN: H.HIRAMOTO

APPR: FSMITH

1989/04/03

2012/05/04

molex

MINI FIT JR VERTICAL  
HEADER ASSEMBLIES WITHOUT PEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-5566-002

DOC TYPE

PSD

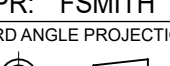
DOC PART

000

REVISION

M8

THIRD ANGLE PROJECTION



DRAWING

C-SIZE

SERIES

5566

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 5

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/04/22 | 05:23:44 |
|-----------------|----|--------------|------------|----------|

12

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FORMS: Engage-master-to-ymc  
REVISION: E1  
DATE: 2025/05/01

12

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