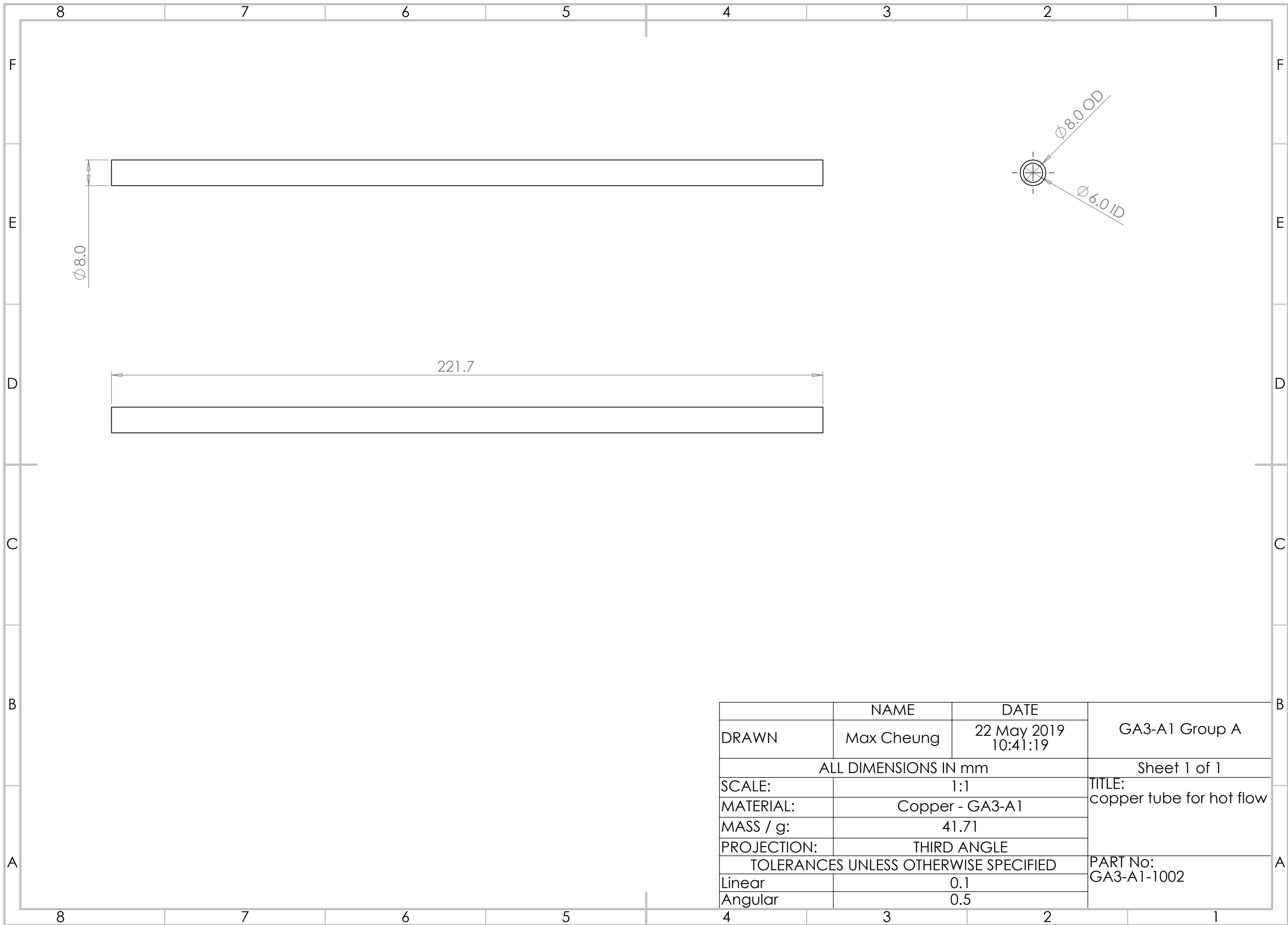
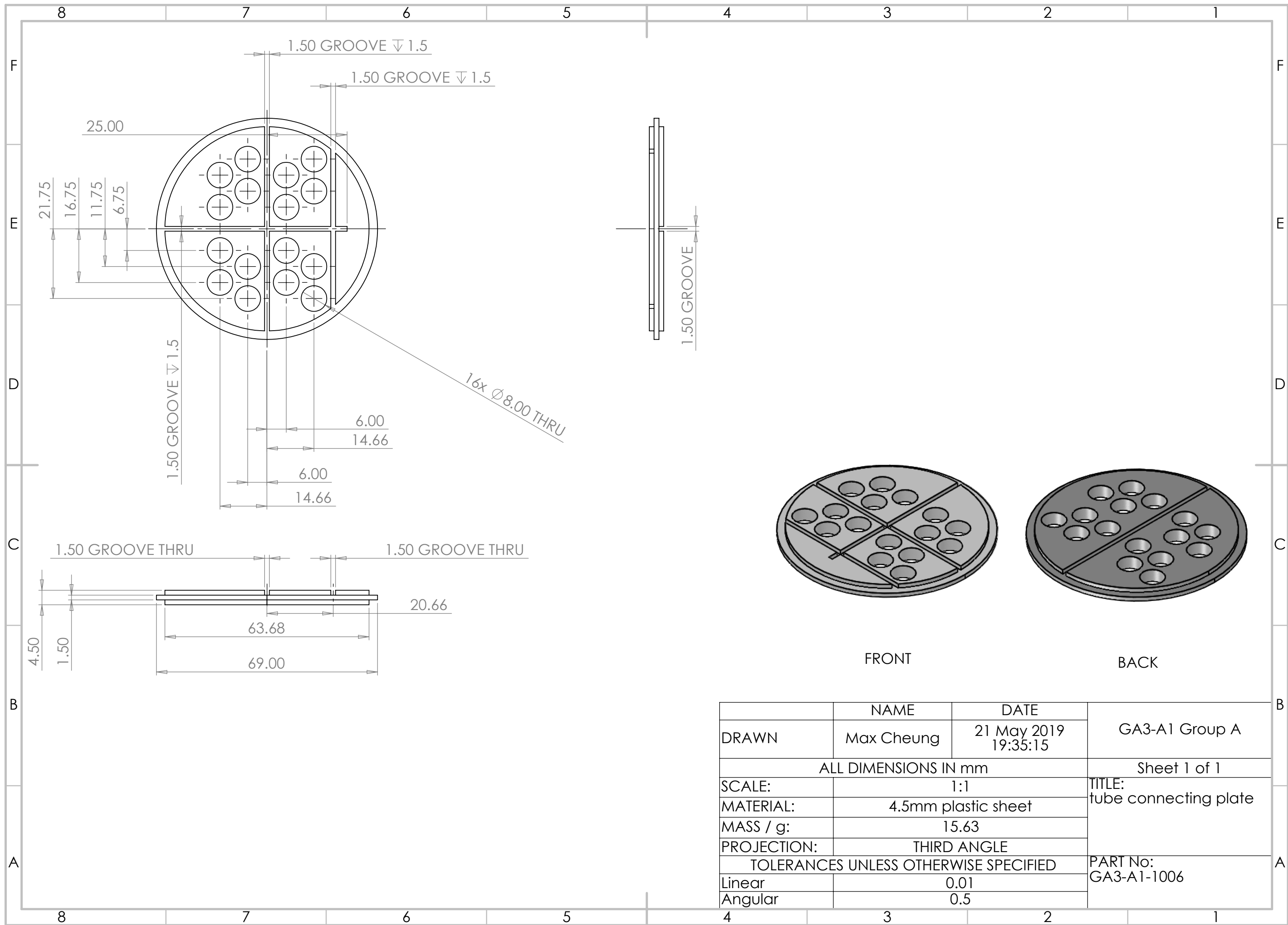


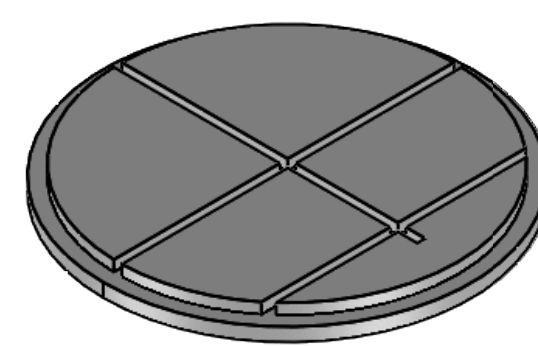
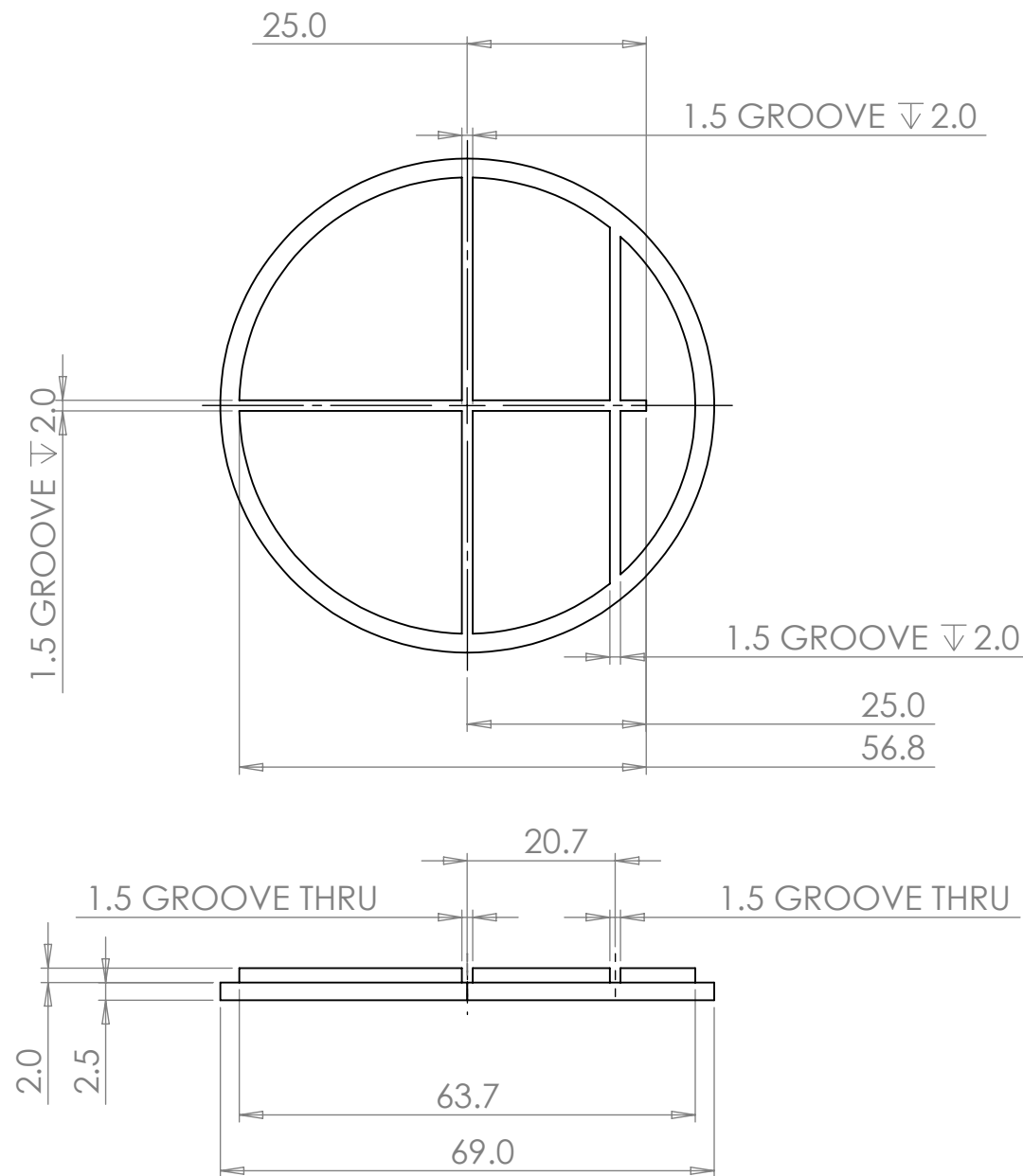
| ITEM NO. | PartNo      | DESCRIPTION   | Default/ QTY. |
|----------|-------------|---|---------------|
| 1        | GA3-A1-1002 | copper tube for hot flow                            | 16            |
| 2        | GA3-A1-1006 | tube connecting plate                               | 1             |
| 3        | GA3-A1-1008 | end plate at input                                  | 1             |
| 4        | GA3-A1-1010 | acrylic end shell at input                          | 1             |
| 5        | GA3-A1-1012 | acrylic pipe for shell                              | 1             |
| 6        | GA3-A1-1014 | acrylic end shell at opposite                       | 1             |
| 7        | GA3-A1-1016 | flow seperator long at input                        | 1             |
| 8        | GA3-A1-1018 | flow seperator short at input                       | 1             |
| 9        | GA3-A1-1020 | flow seperator long at opposite                     | 1             |
| 10       | GA3-A1-1022 | main flow seperator plate                           | 1             |
| 11       | GA3-A1-1024 | end plate at opposite                               | 1             |
| 12       | GA3-A1-1026 | baffle plate RH version                             | 6             |
| 13       | GA3-A1-1028 | 3D printed nozzle                                   | 4             |
| 14       | GA3-A1-1032 | baffle plate LH version                             | 6             |
| 15       | GA3-A1-1034 | area reduction plate at opposite                    | 4             |
| 16       | GA3-A1-1038 | area reduction plate long at input                  | 1             |
| 17       | GA3-A1-1040 | tube connecting plate opposite                      | 1             |
| 18       | GA3-A1-1042 | area reduction plate at opposite (conversion kit)   | 2             |
| 19       | GA3-A1-1044 | area reduction plate long at input (conversion kit) | 2             |
| 20       | GA3-A1-1046 | flow seperator short at input (conversion kit)      | 1             |

|                                       |             |                         |                                      |
|---------------------------------------|-------------|-------------------------|--------------------------------------|
|                                       | NAME        | DATE                    | GA3-A1 Group A                       |
| DRAWN                                 | Max Cheung  | 22 May 2019<br>09:56:09 |                                      |
| ALL DIMENSIONS IN mm                  |             |                         | Sheet 1 of 1                         |
| SCALE:                                | 1:2         |                         | TITLE:<br>heat exchanger<br>assembly |
| MATERIAL:                             | N/A         |                         |                                      |
| MASS / g:                             | 1152.91     |                         |                                      |
| PROJECTION:                           | THIRD ANGLE |                         |                                      |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |             |                         | PART No:<br>GA3-A1-1000              |
| Linear                                | 0.1         |                         |                                      |
| Angular                               | 0.5         |                         |                                      |
| 4                                     | 3           | 2                       | 1                                    |

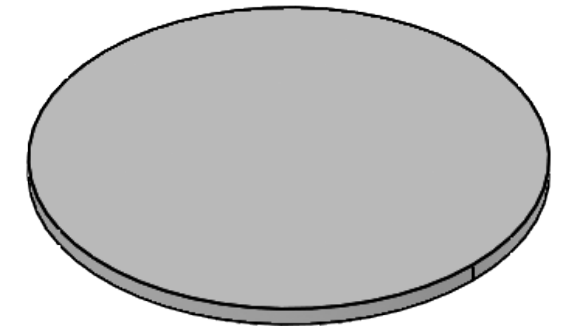


|                                       |                 |                         |                                    |   |
|---------------------------------------|-----------------|-------------------------|------------------------------------|---|
|                                       | NAME            | DATE                    | GA3-A1 Group A                     | B |
| DRAWN                                 | Max Cheung      | 22 May 2019<br>10:41:19 |                                    |   |
| ALL DIMENSIONS IN mm                  |                 |                         | Sheet 1 of 1                       | A |
| SCALE:                                | 1:1             |                         | TITLE:<br>copper tube for hot flow |   |
| MATERIAL:                             | Copper - GA3-A1 |                         |                                    |   |
| MASS / g:                             | 41.71           |                         |                                    |   |
| PROJECTION:                           | THIRD ANGLE     |                         |                                    |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                 |                         | PART No:<br>GA3-A1-1002            |   |
| Linear                                | 0.1             |                         |                                    |   |
| Angular                               | 0.5             |                         |                                    |   |



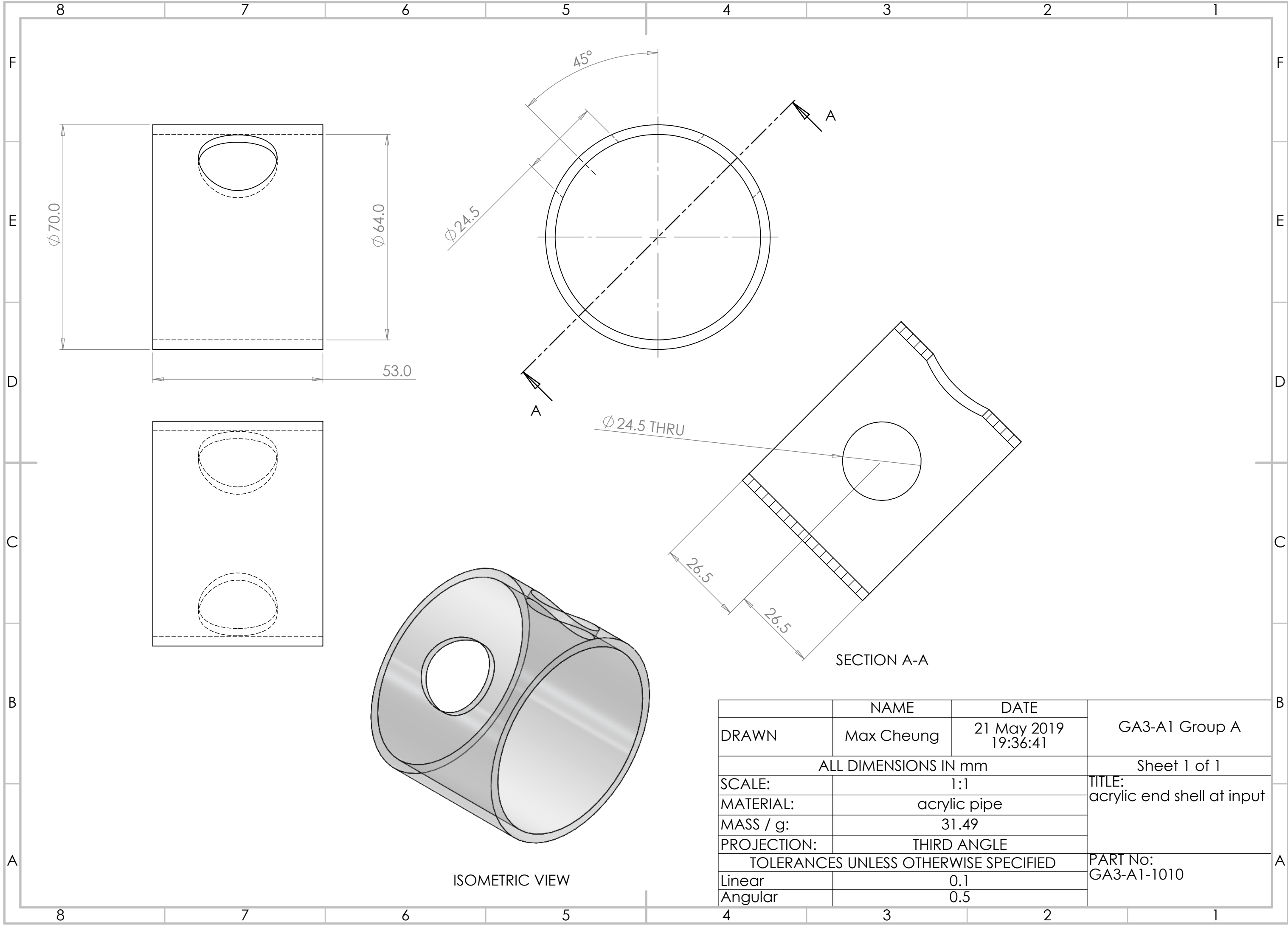


FRONT

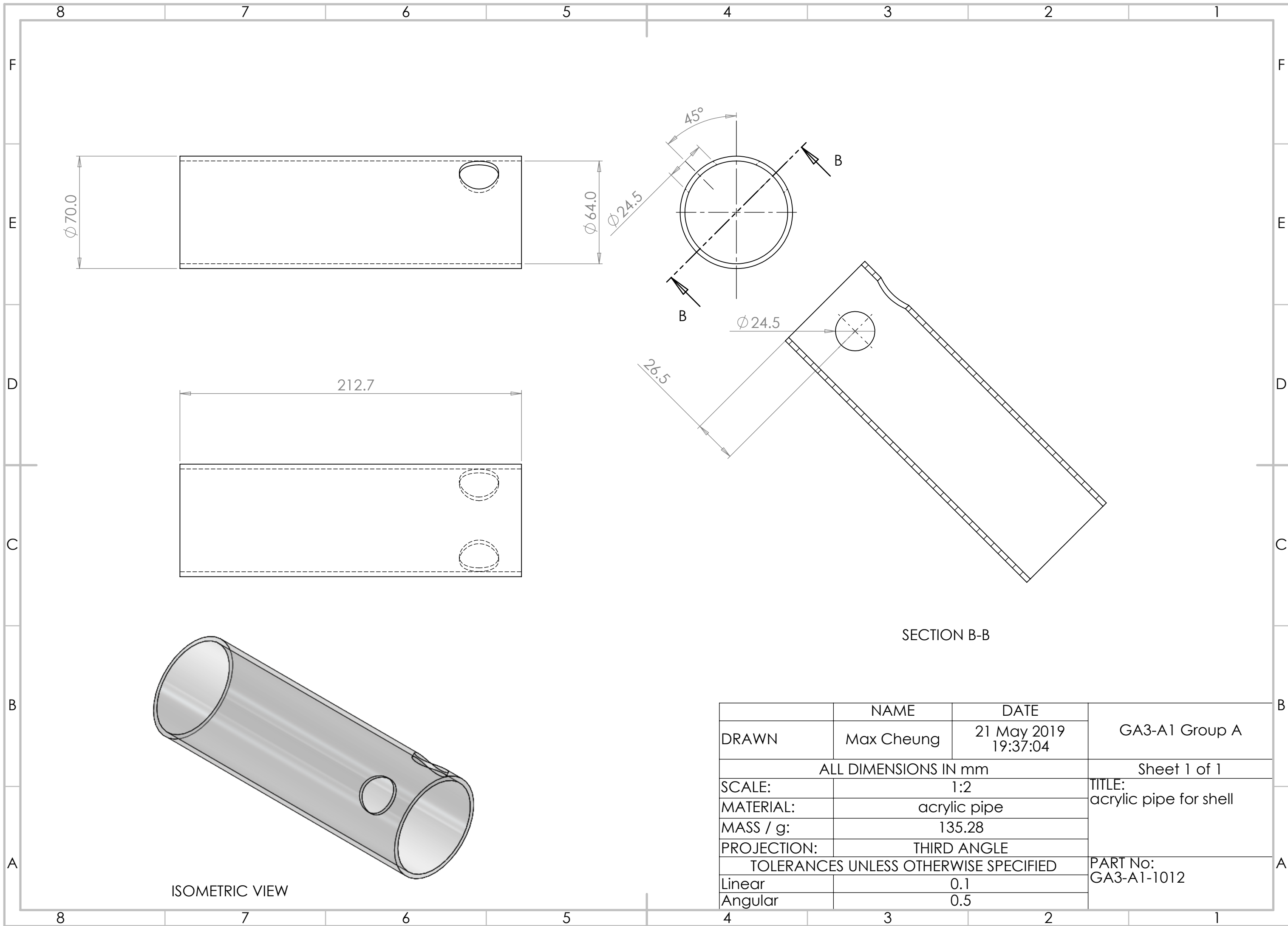


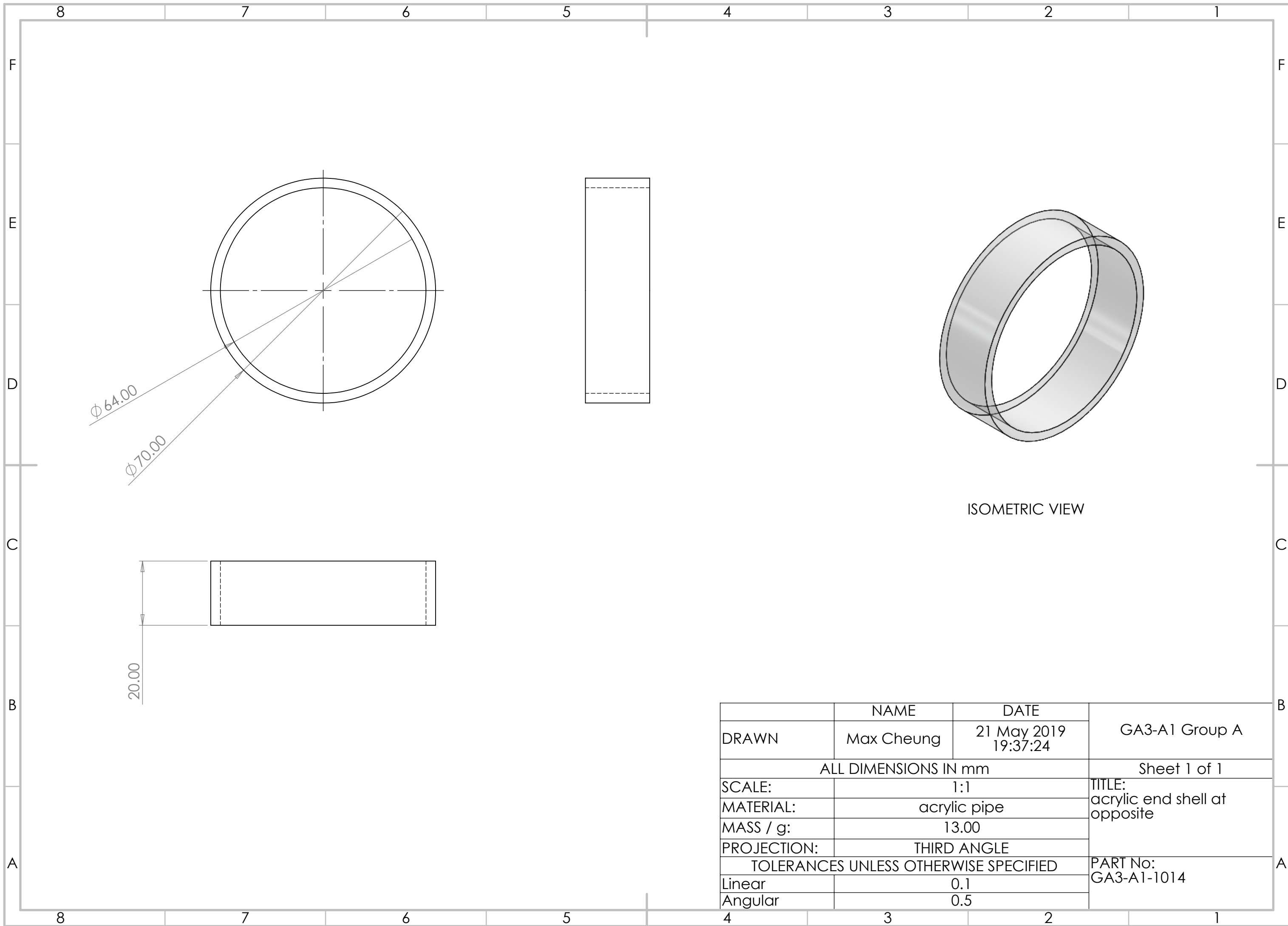
BACK

|                                       |                     |                         |                              |
|---------------------------------------|---------------------|-------------------------|------------------------------|
|                                       | NAME                | DATE                    | GA3-A1 Group A               |
| DRAWN                                 | Max Cheung          | 21 May 2019<br>19:36:22 |                              |
| ALL DIMENSIONS IN mm                  |                     |                         | Sheet 1 of 1                 |
| SCALE:                                | 1:1                 |                         | TITLE:<br>end plate at input |
| MATERIAL:                             | 4.5mm plastic sheet |                         |                              |
| MASS / g:                             | 21.57               |                         |                              |
| PROJECTION:                           | THIRD ANGLE         |                         |                              |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     |                         | PART No:<br>GA3-A1-1008      |
| Linear                                | 0.1                 |                         |                              |
| Angular                               | 0.5                 |                         |                              |

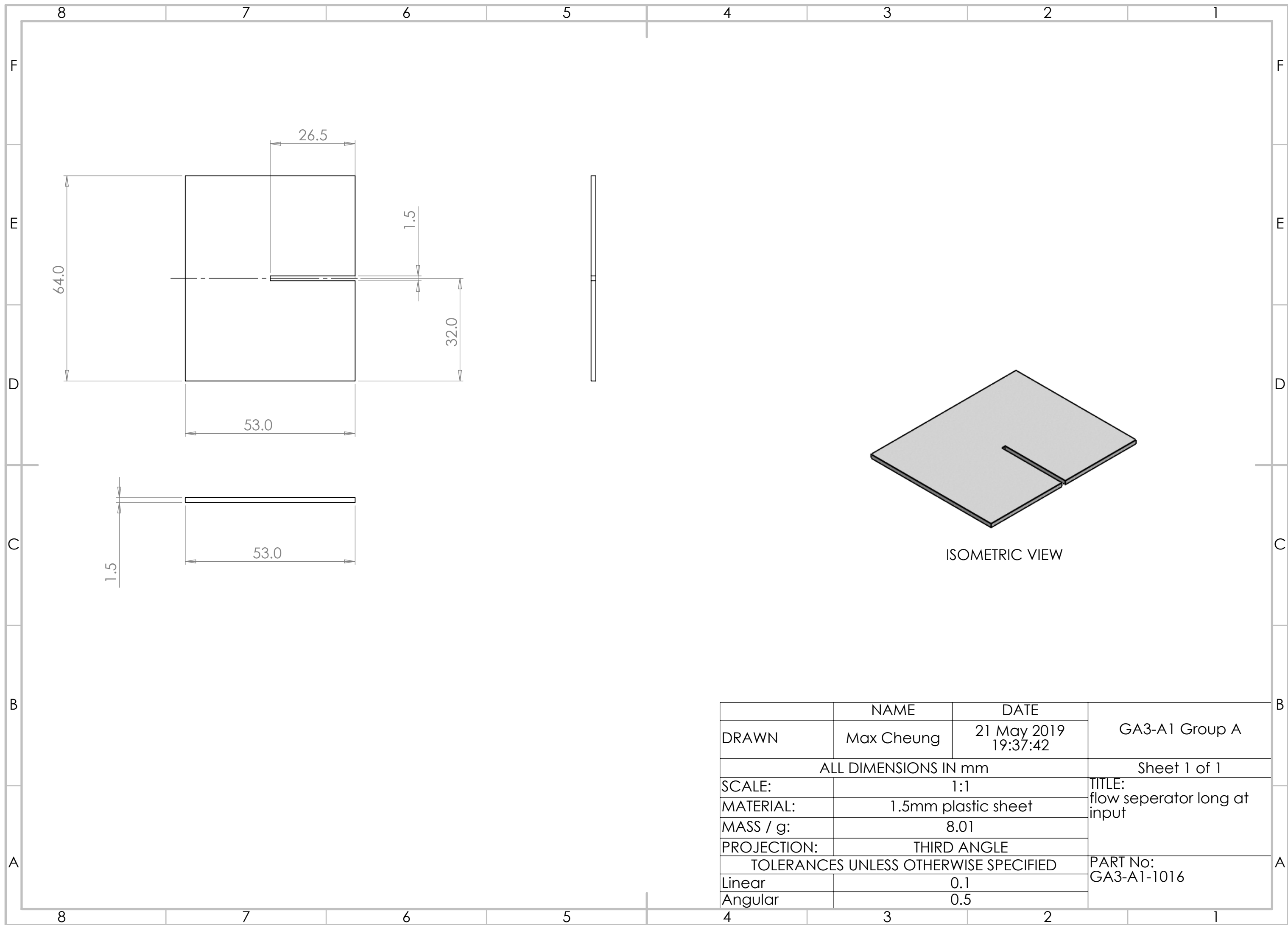


|                                       |              |                         |                                      |   |
|---------------------------------------|--------------|-------------------------|--------------------------------------|---|
|                                       | NAME         | DATE                    | GA3-A1 Group A                       | B |
| DRAWN                                 | Max Cheung   | 21 May 2019<br>19:36:41 |                                      |   |
| ALL DIMENSIONS IN mm                  |              |                         | Sheet 1 of 1                         | A |
| SCALE:                                | 1:1          |                         | TITLE:<br>acrylic end shell at input |   |
| MATERIAL:                             | acrylic pipe |                         |                                      |   |
| MASS / g:                             | 31.49        |                         |                                      |   |
| PROJECTION:                           | THIRD ANGLE  |                         |                                      |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |              |                         | PART No:<br>GA3-A1-1010              |   |
| Linear                                | 0.1          |                         |                                      |   |
| Angular                               | 0.5          |                         |                                      |   |

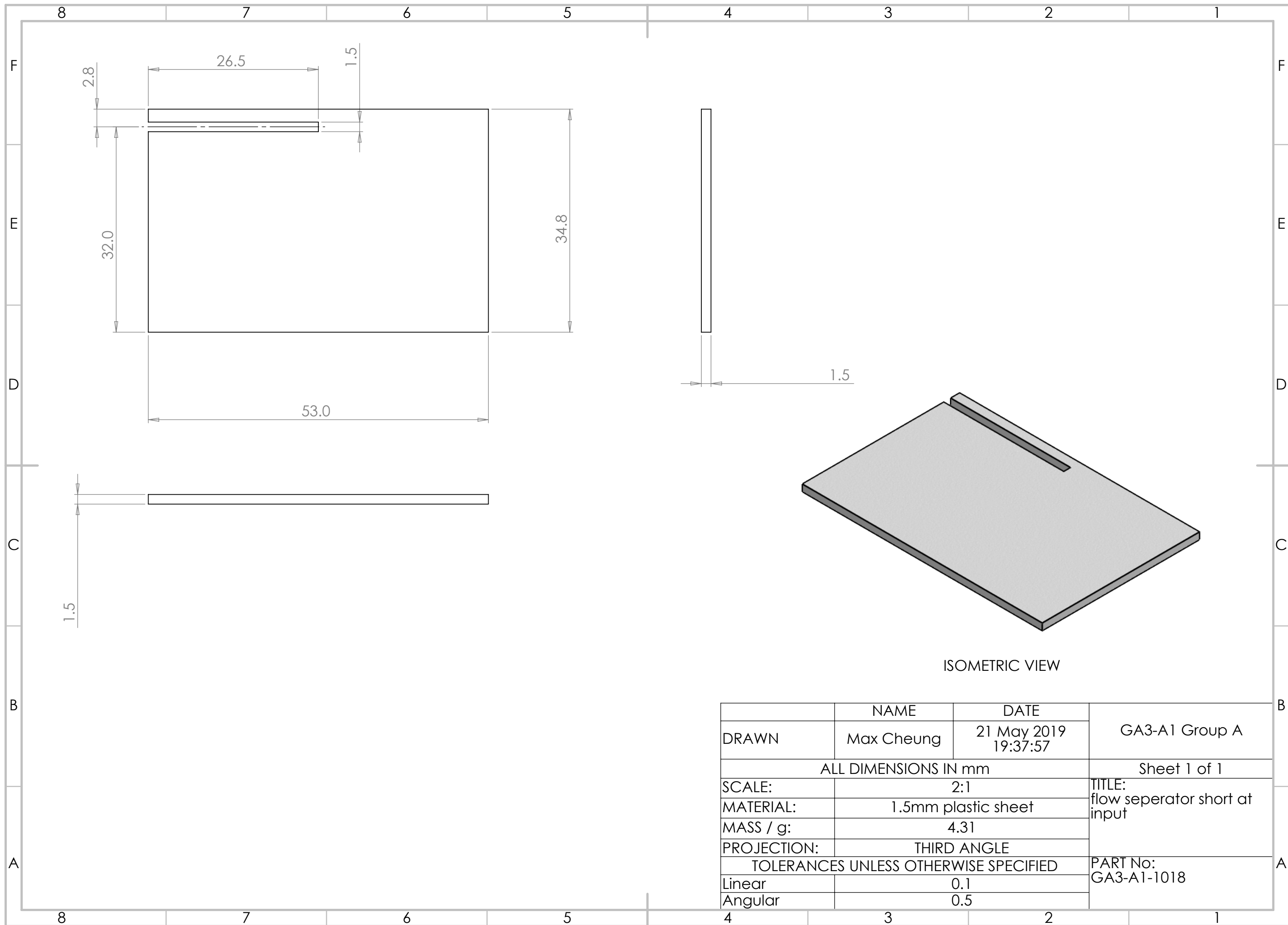




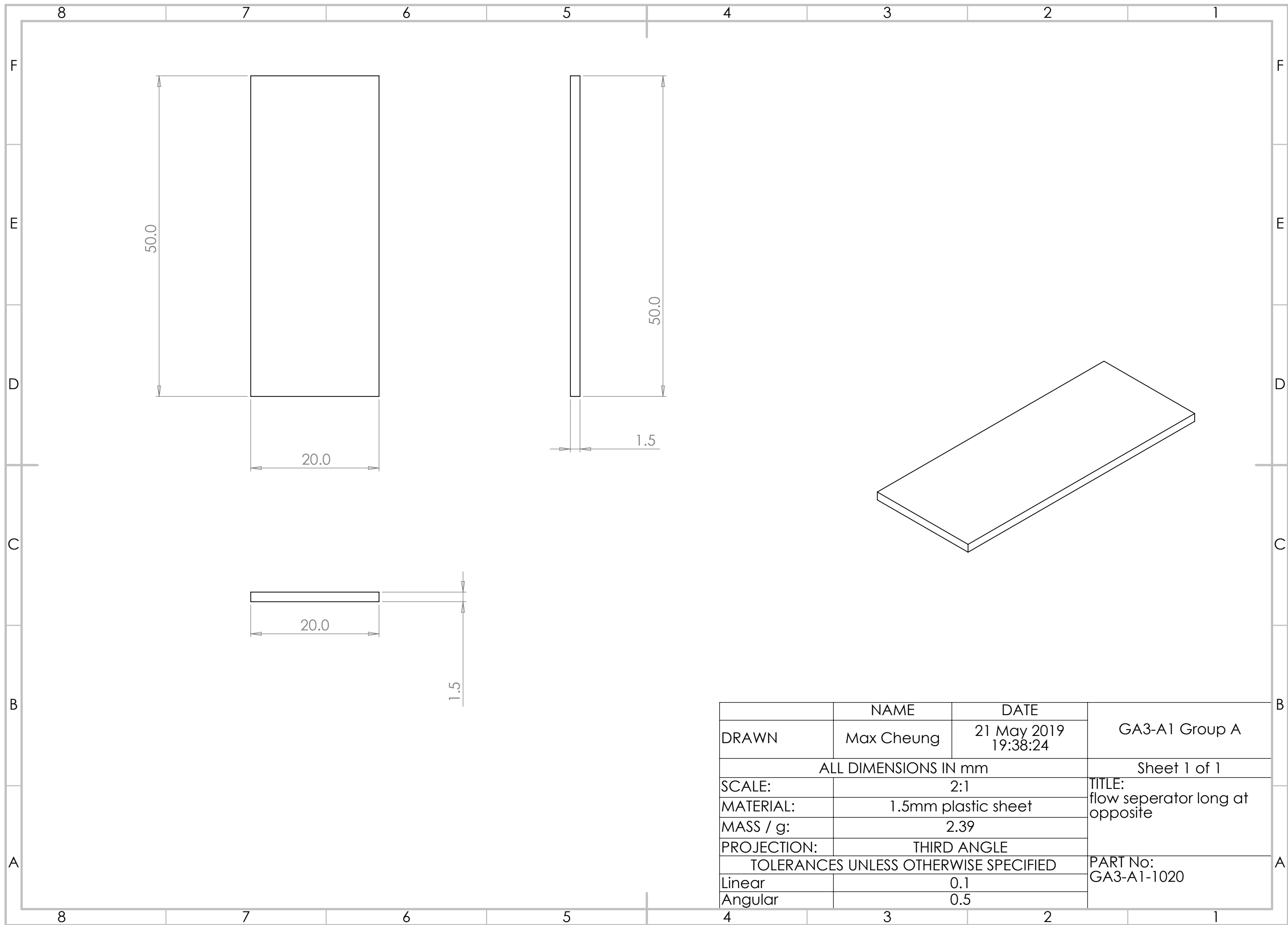
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|---------------------------------------|--------------|-------------------------|--|
|                                       | NAME         | DATE                    | GA3-A1 Group A                             |
| DRAWN                                 | Max Cheung   | 21 May 2019<br>19:37:24 |  |
| ALL DIMENSIONS IN mm                  |              |                         | Sheet 1 of 1                               |
| SCALE:                                | 1:1          |                         | TITLE:<br>acrylic end shell at<br>opposite |
| MATERIAL:                             | acrylic pipe |                         |  |
| MASS / g:                             | 13.00        |                         |  |
| PROJECTION:                           | THIRD ANGLE  |                         |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |              |                         | PART No:<br>GA3-A1-1014                    |
| Linear                                | 0.1          |                         |  |
| Angular                               | 0.5          |                         |  |



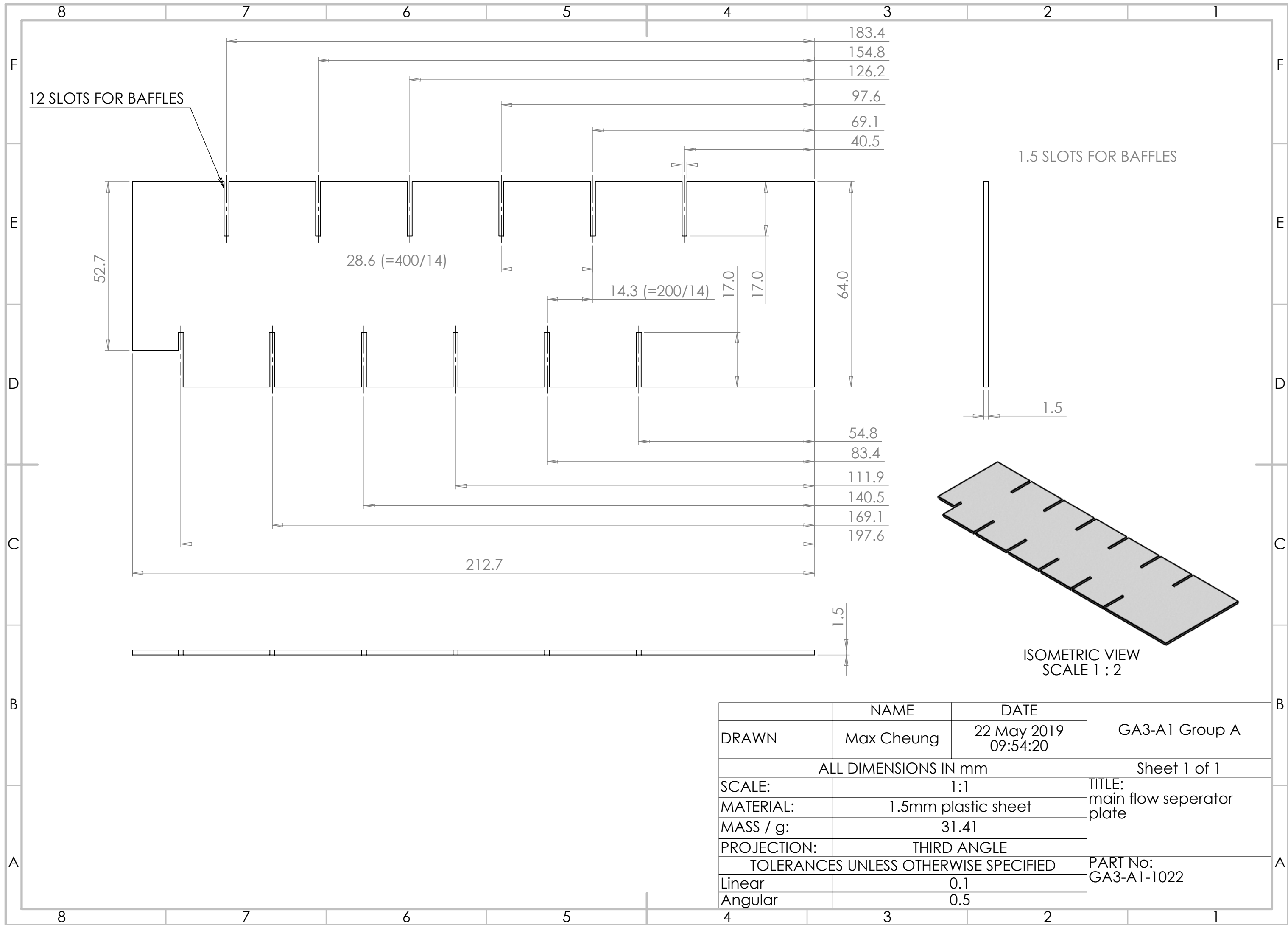


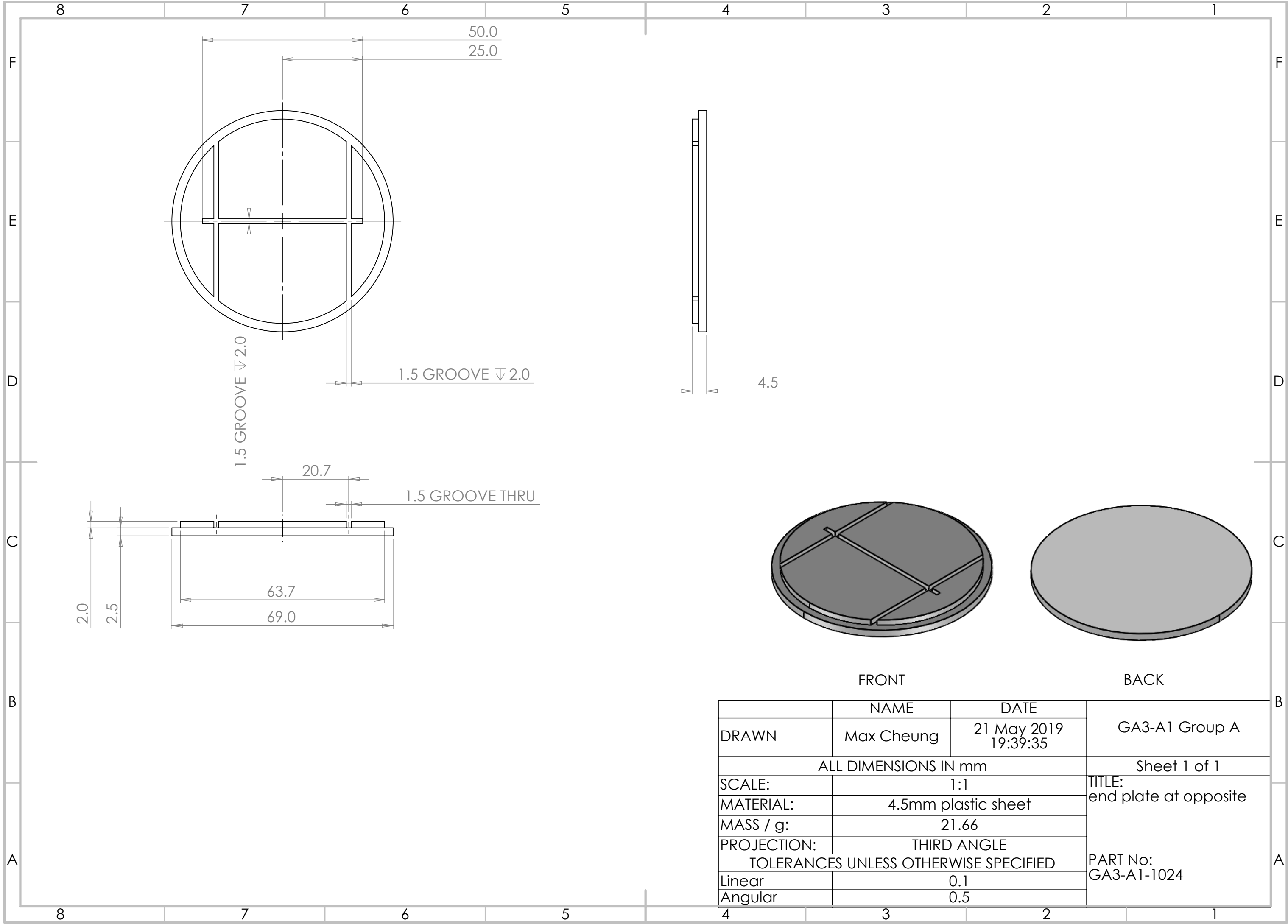


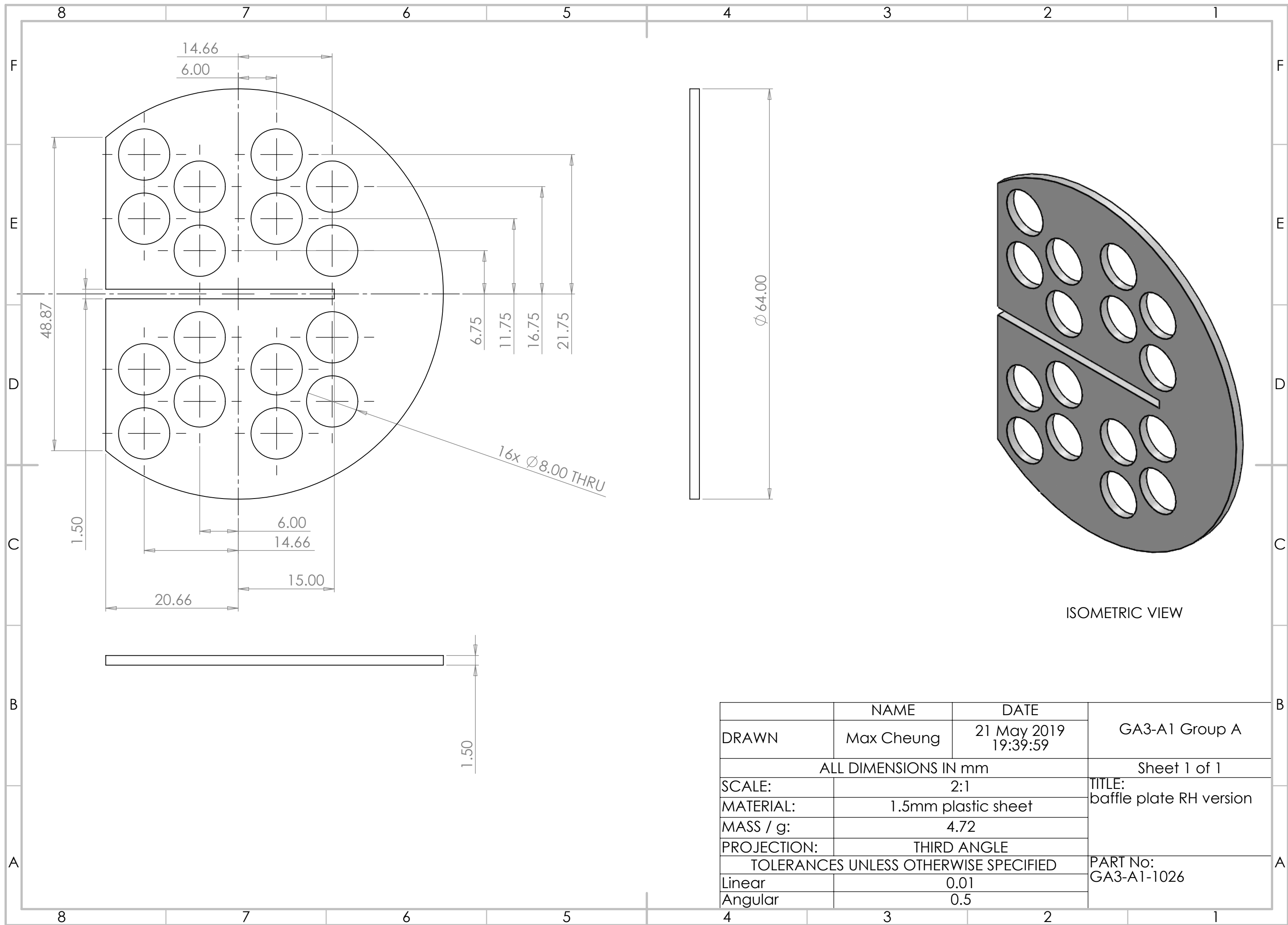
|                                       |                     |                         |  |
|---------------------------------------|---------------------|-------------------------|--|
|                                       | NAME                | DATE                    | GA3-A1 Group A                             |
| DRAWN                                 | Max Cheung          | 21 May 2019<br>19:37:57 |  |
| ALL DIMENSIONS IN mm                  |                     |                         | Sheet 1 of 1                               |
| SCALE:                                | 2:1                 |                         | TITLE:<br>flow seperator short at<br>input |
| MATERIAL:                             | 1.5mm plastic sheet |                         |  |
| MASS / g:                             | 4.31                |                         |  |
| PROJECTION:                           | THIRD ANGLE         |                         |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     |                         | PART No:<br>GA3-A1-1018                    |
| Linear                                | 0.1                 |                         |  |
| Angular                               | 0.5                 |                         |  |

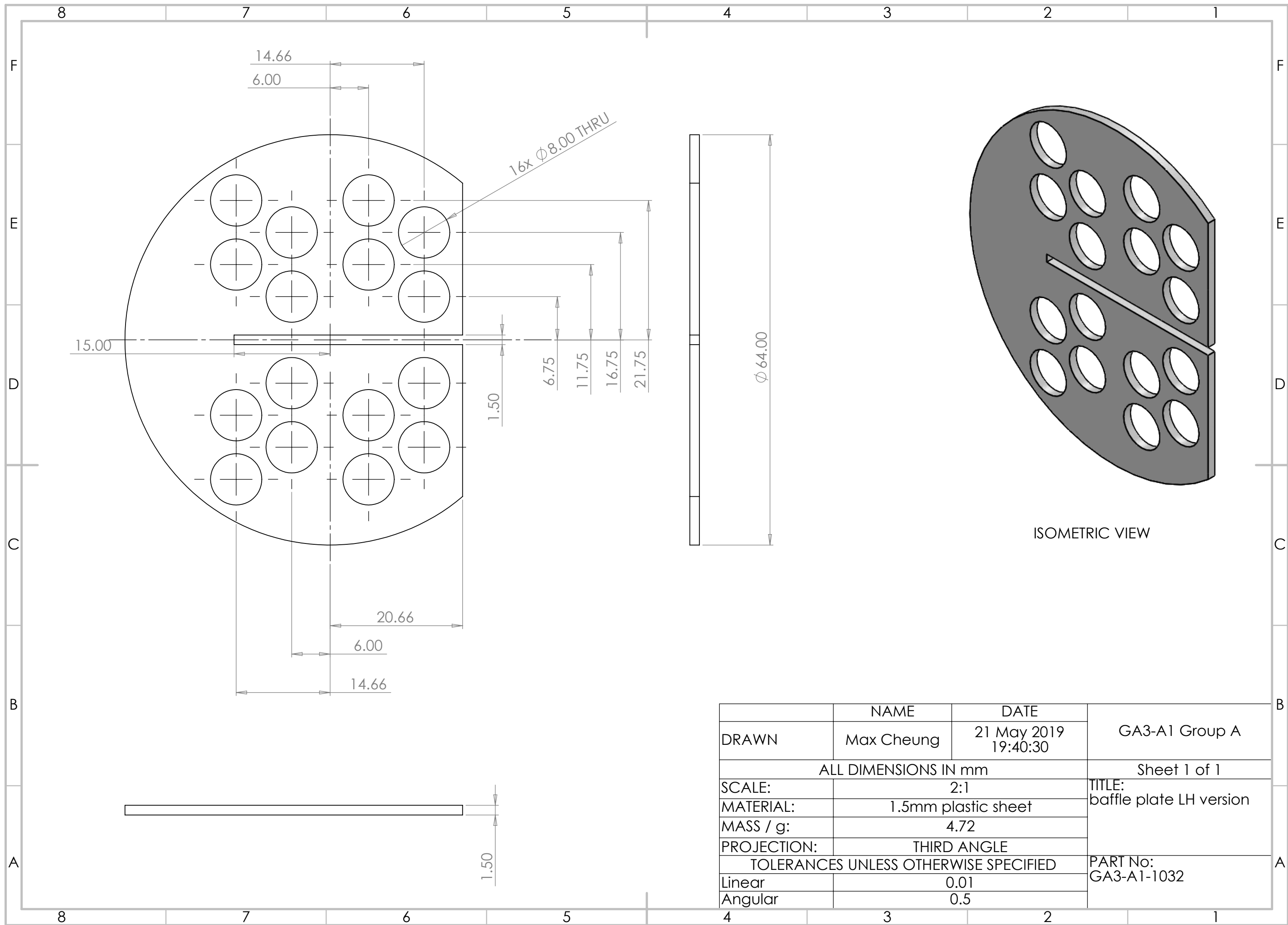


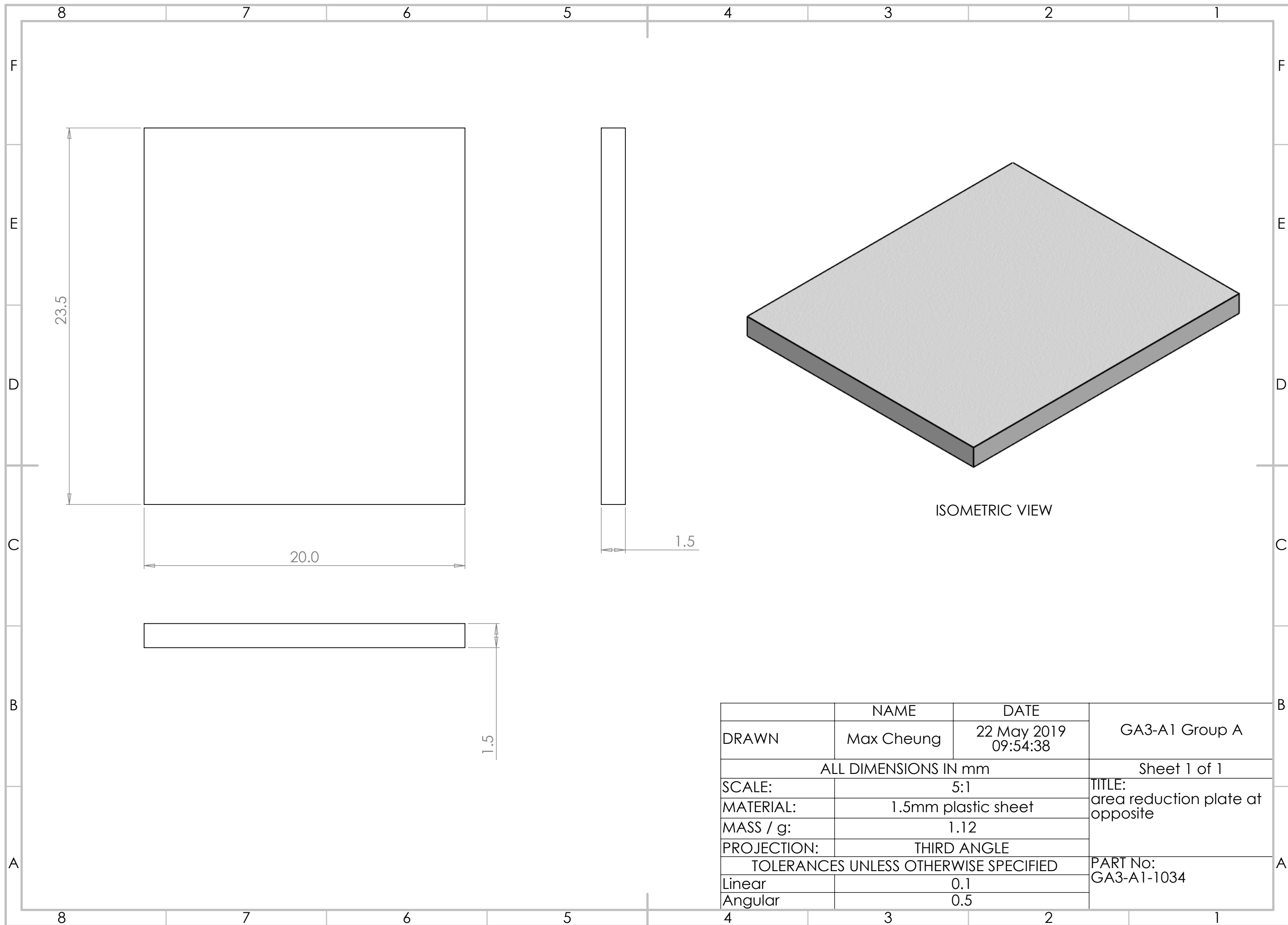
|                                       |                     |                         |  |   |
|---------------------------------------|---------------------|-------------------------|--|---|
|                                       | NAME                | DATE                    | GA3-A1 Group A                               | B |
| DRAWN                                 | Max Cheung          | 21 May 2019<br>19:38:24 |  |   |
| ALL DIMENSIONS IN mm                  |                     |                         | Sheet 1 of 1                                 | A |
| SCALE:                                | 2:1                 |                         | TITLE:<br>flow seperator long at<br>opposite |   |
| MATERIAL:                             | 1.5mm plastic sheet |                         |  |   |
| MASS / g:                             | 2.39                |                         |  |   |
| PROJECTION:                           | THIRD ANGLE         |                         |  |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     |                         | PART No:<br>GA3-A1-1020                      |   |
| Linear                                | 0.1                 |                         |  |   |
| Angular                               | 0.5                 |                         |  |   |



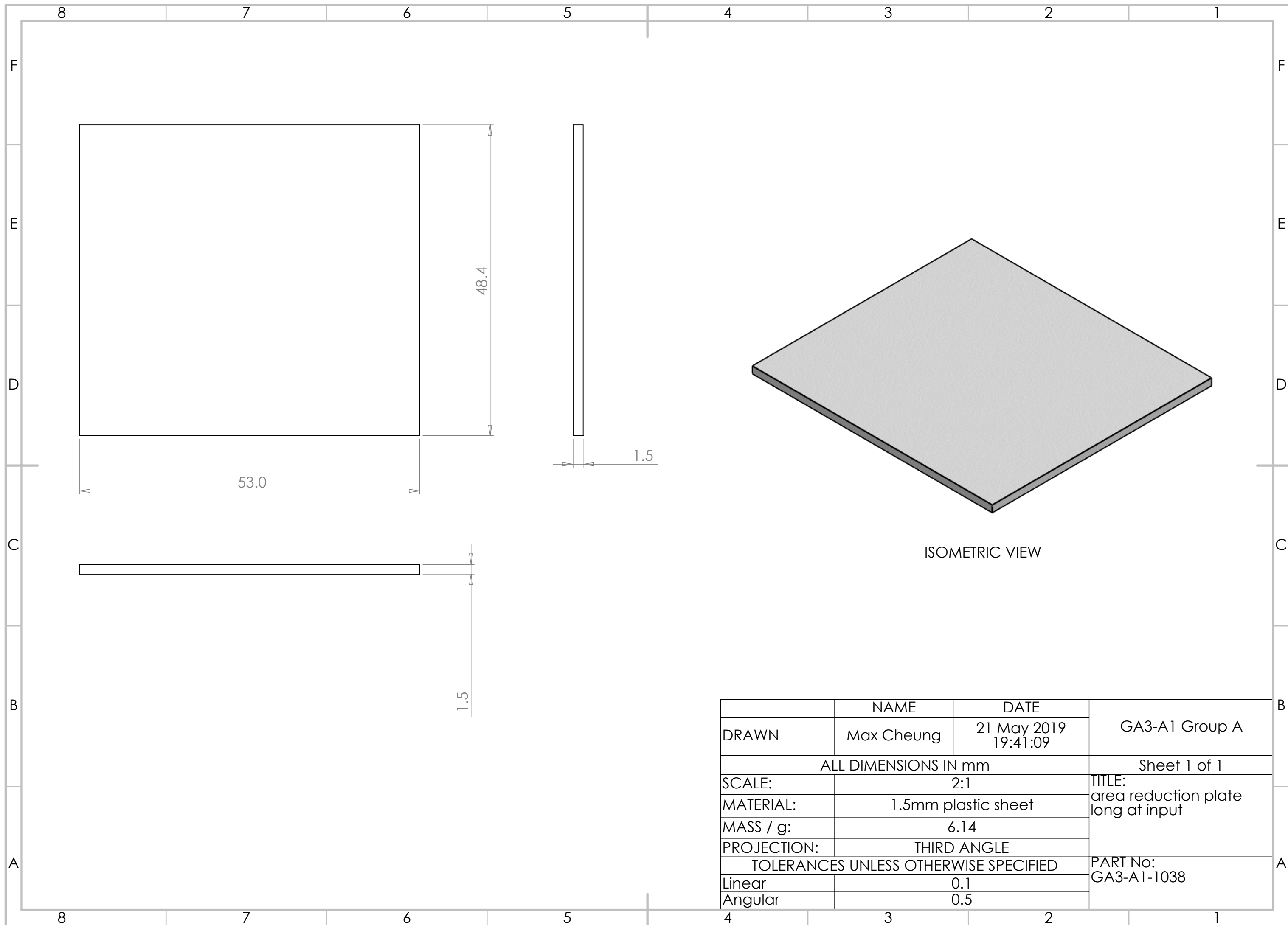








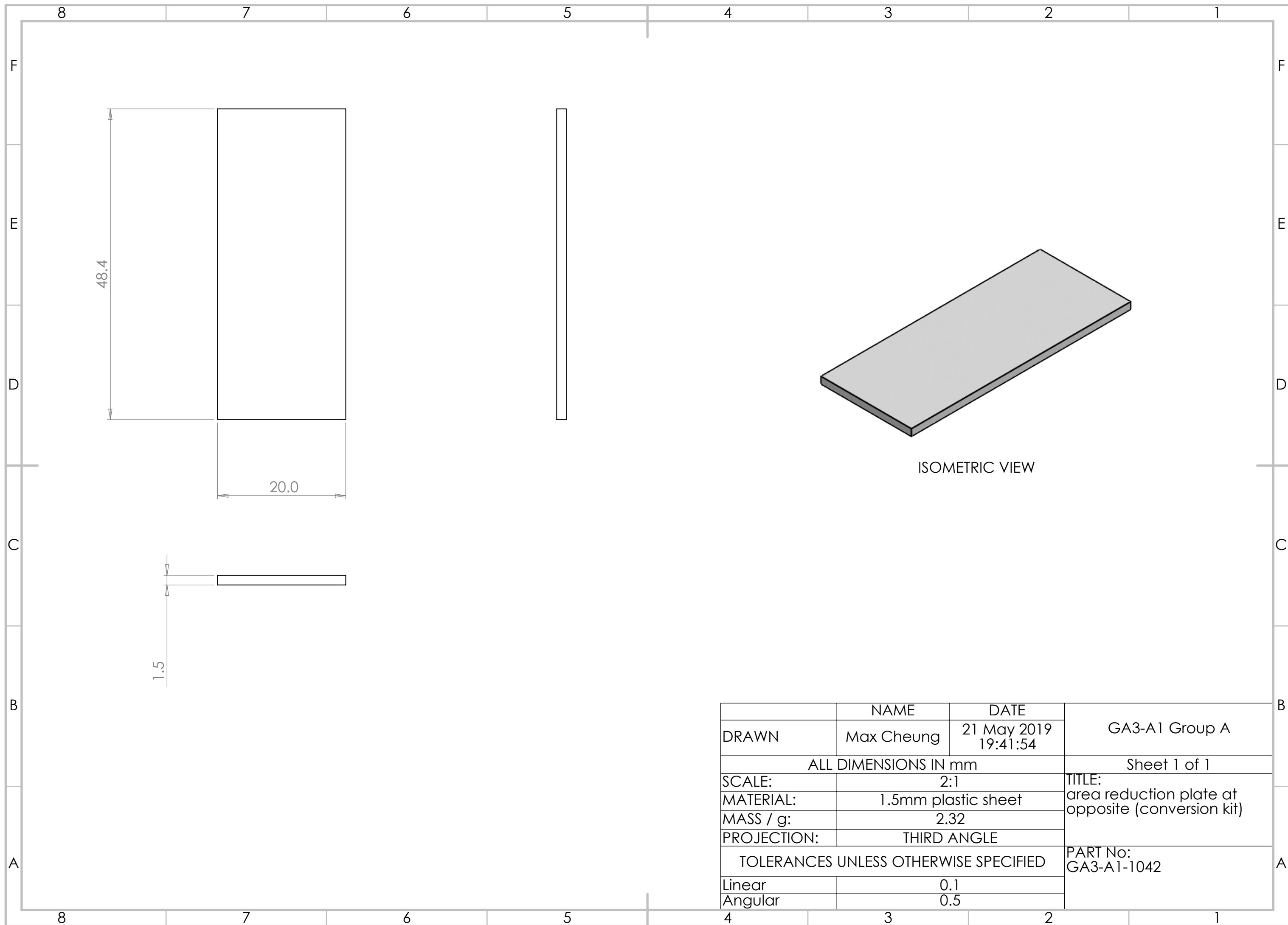
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|---------------------------------------|---------------------|-------------------------|---|---|
|                                       | NAME                | DATE                    | GA3-A1 Group A                                | B |
| DRAWN                                 | Max Cheung          | 22 May 2019<br>09:54:38 |   |   |
| ALL DIMENSIONS IN mm                  |                     |                         | Sheet 1 of 1                                  | A |
| SCALE:                                | 5:1                 |                         | TITLE:<br>area reduction plate at<br>opposite |   |
| MATERIAL:                             | 1.5mm plastic sheet |                         |   |   |
| MASS / g:                             | 1.12                |                         |   |   |
| PROJECTION:                           | THIRD ANGLE         |                         |   |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     |                         | PART No:<br>GA3-A1-1034                       |   |
| Linear                                | 0.1                 |                         |   |   |
| Angular                               | 0.5                 |                         |   |   |



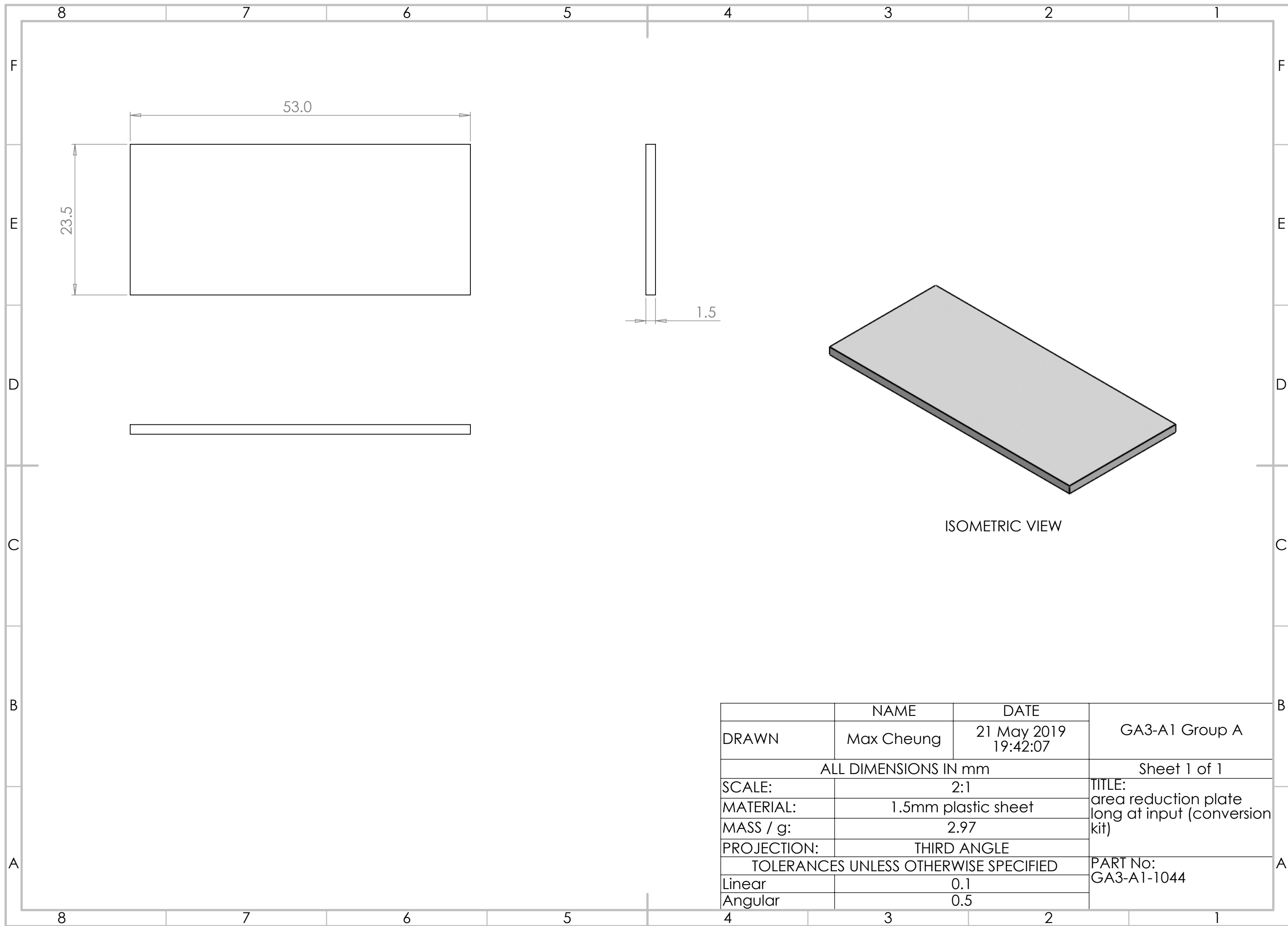
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|---------------------------------------|---------------------|-------------------------|---|---|
|                                       | NAME                | DATE                    | GA3-A1 Group A                                  | B |
| DRAWN                                 | Max Cheung          | 21 May 2019<br>19:41:09 |   |   |
| ALL DIMENSIONS IN mm                  |                     |                         | Sheet 1 of 1                                    | A |
| SCALE:                                | 2:1                 |                         | TITLE:<br>area reduction plate<br>long at input |   |
| MATERIAL:                             | 1.5mm plastic sheet |                         |   |   |
| MASS / g:                             | 6.14                |                         |   |   |
| PROJECTION:                           | THIRD ANGLE         |                         |   |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     |                         | PART No:<br>GA3-A1-1038                         |   |
| Linear                                | 0.1                 |                         |   |   |
| Angular                               | 0.5                 |                         |   |   |



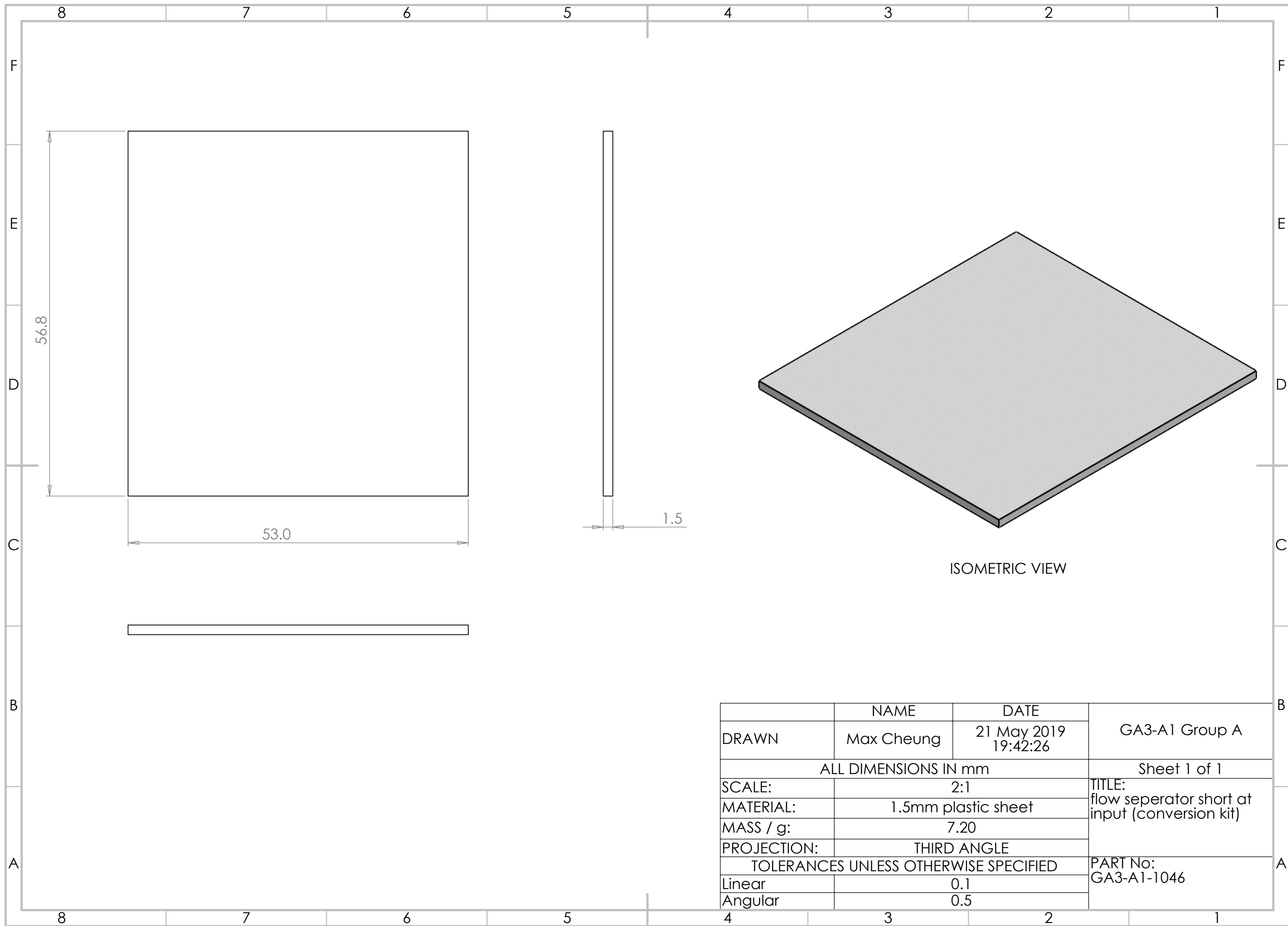




|                                       |                     |                         |  |
|---------------------------------------|---------------------|-------------------------|--|
|                                       | NAME                | DATE                    | GA3-A1 Group A   |
| DRAWN                                 | Max Cheung          | 21 May 2019<br>19:41:54 |  |
| ALL DIMENSIONS IN mm                  |                     |                         | Sheet 1 of 1   |
| SCALE:                                | 2:1                 |                         | TITLE:<br>area reduction plate at<br>opposite (conversion kit) |
| MATERIAL:                             | 1.5mm plastic sheet |                         |  |
| MASS / g:                             | 2.32                |                         |  |
| PROJECTION:                           | THIRD ANGLE         |                         |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     |                         | PART No:<br>GA3-A1-1042  |
| Linear                                | 0.1                 |                         |  |
| Angular                               | 0.5                 |                         |  |



|                                       |                     |                         |   |
|---------------------------------------|---------------------|-------------------------|---|
|                                       | NAME                | DATE                    | GA3-A1 Group A  |
| DRAWN                                 | Max Cheung          | 21 May 2019<br>19:42:07 |   |
| ALL DIMENSIONS IN mm                  |                     |                         | Sheet 1 of 1  |
| SCALE:                                | 2:1                 |                         | TITLE:<br>area reduction plate<br>long at input (conversion<br>kit) |
| MATERIAL:                             | 1.5mm plastic sheet |                         |   |
| MASS / g:                             | 2.97                |                         |   |
| PROJECTION:                           | THIRD ANGLE         |                         |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     |                         | PART No:<br>GA3-A1-1044   |
| Linear                                | 0.1                 |                         |   |
| Angular                               | 0.5                 |                         |   |



|                                       |                     |                         |   |
|---------------------------------------|---------------------|-------------------------|---|
|                                       | NAME                | DATE                    | GA3-A1 Group A  |
| DRAWN                                 | Max Cheung          | 21 May 2019<br>19:42:26 |   |
| ALL DIMENSIONS IN mm                  |                     |                         | Sheet 1 of 1  |
| SCALE:                                | 2:1                 |                         | TITLE:<br>flow seperator short at<br>input (conversion kit) |
| MATERIAL:                             | 1.5mm plastic sheet |                         |   |
| MASS / g:                             | 7.20                |                         |   |
| PROJECTION:                           | THIRD ANGLE         |                         |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     |                         | PART No:<br>GA3-A1-1046                                     |
| Linear                                | 0.1                 |                         |   |
| Angular                               | 0.5                 |                         |   |