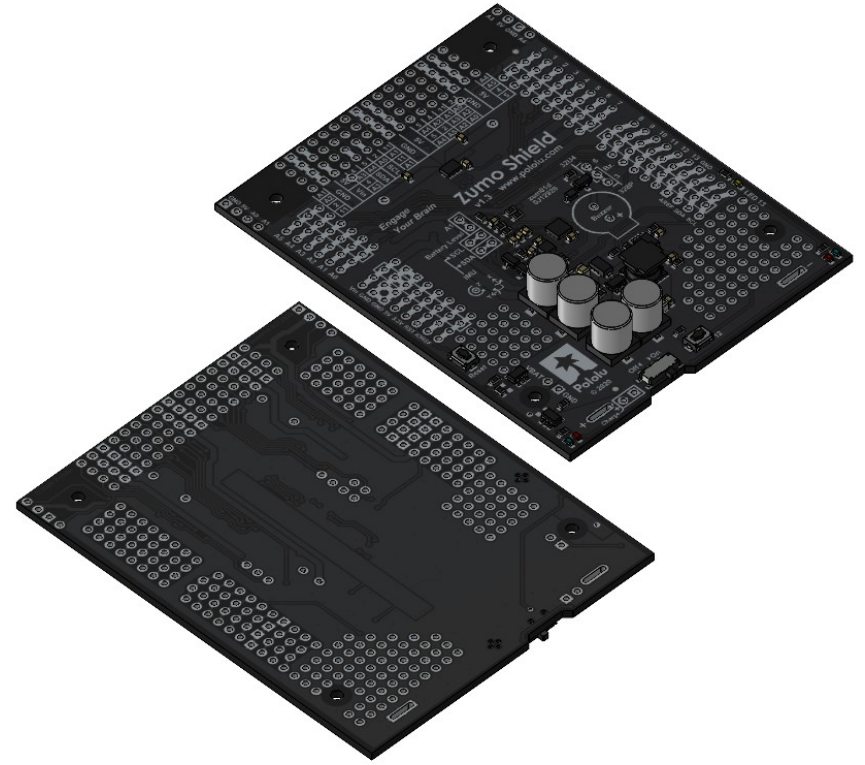① Top view (actual size)

Scale 1:1

② Isometric view

Scale 4:5

8.0
[315]

83.1
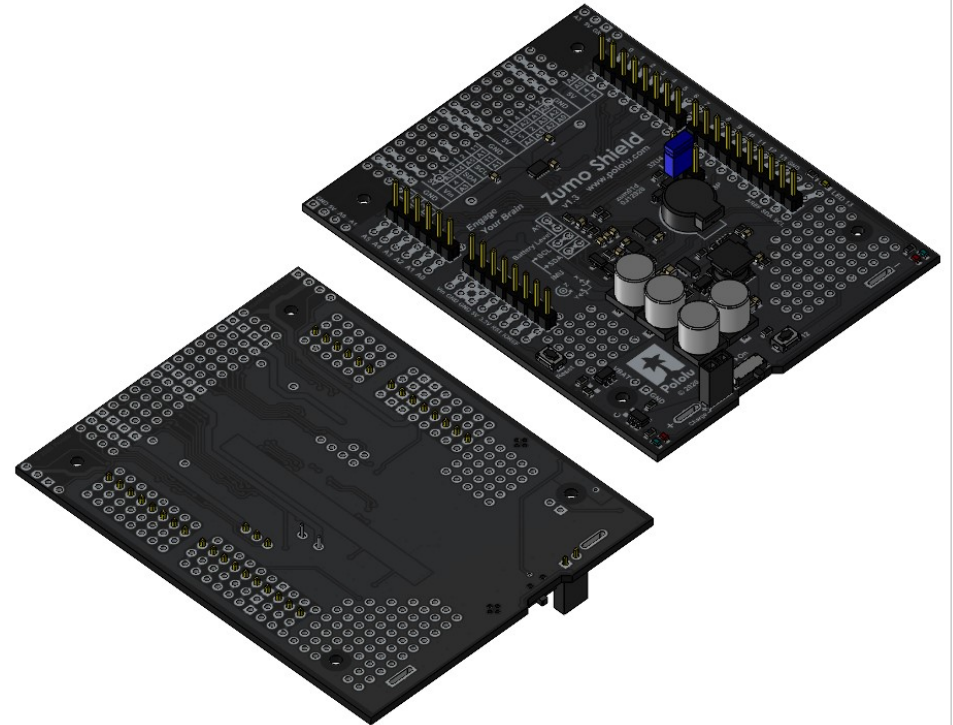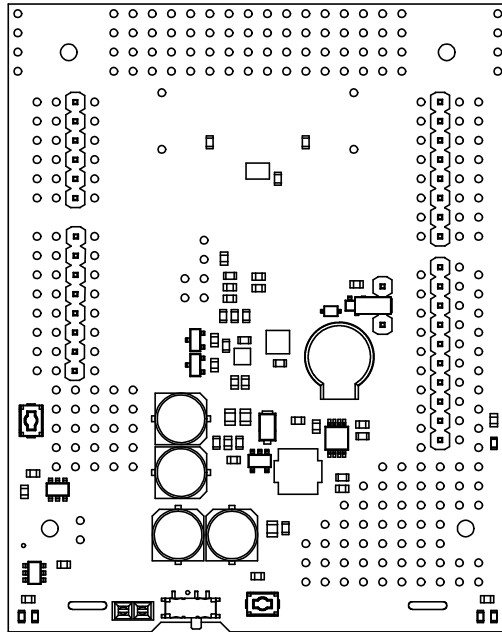[3270]
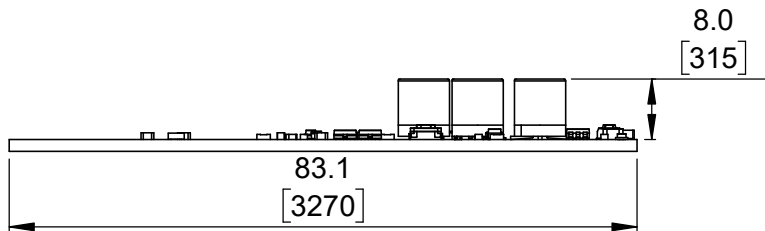
③ Long profile

Scale 1:1

1.57
[62]

66.0
[2600]

④ Short profile

Scale 1:1

1. To get the specified scale, select 100% in print settings.
2. Drill location tolerance: ±0.1 [±5].
3. Board edge tolerance: ±0.3 [±10].

Top view (actual size)
(with included through-hole components)

① Scale 1:1

Isometric views
(with included through-hole components)

② Scale 4:5

6.0
[236]

8.5
[335]

8.5
[335]

9.0
[352]

1.57
[62]

83.1
[3270]

66.0
[2600]

Long profile
(with included through-hole components)

③ Scale 1:1

Short profile
(with included through-hole components)

④ Scale 1:1

1.  To get the specified scale, select 100% in print settings.
2.  Drill location tolerance: ±0.1 [±5].
3.  Board edge tolerance: ±0.3 [±10].
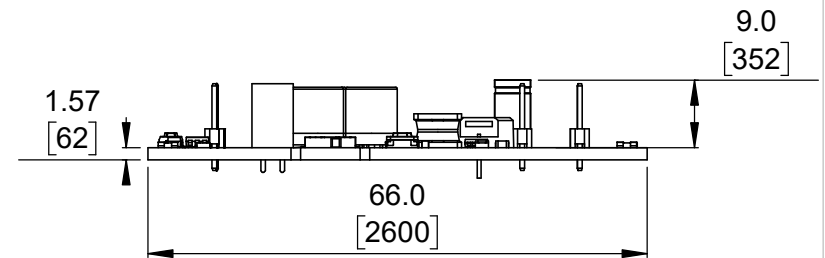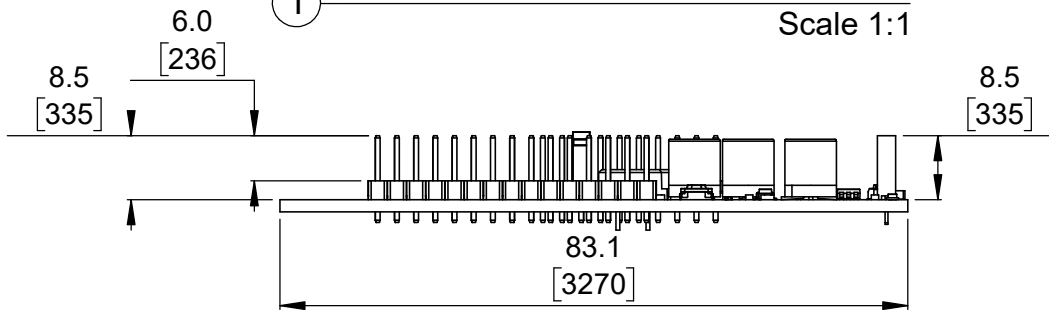
https://www.pololu.com/product/2521

| Name: | | Item number: |
|---|---|---|
| Zumo Shield for Arduino v1.3 | | 2521 |
| Drawing date: | Dev code: | |
| 10 September 2020 | zum01d | **Pololu** |
| Units:     mm | Material: | **Robotics & Electronics** |
| [mil] | mixed | © 2020 Pololu Corporation |

# Board dimensions (top view)

83.1
[3270]

63.0
[2480]

66.0
[2600]

55.0
[2165]

50.0
[1969]

5.5
[217]

13.7
[539]

4× ⌀ 2.18
[86]  ⚠ 1.

6.4
[251]

8.0
[316]
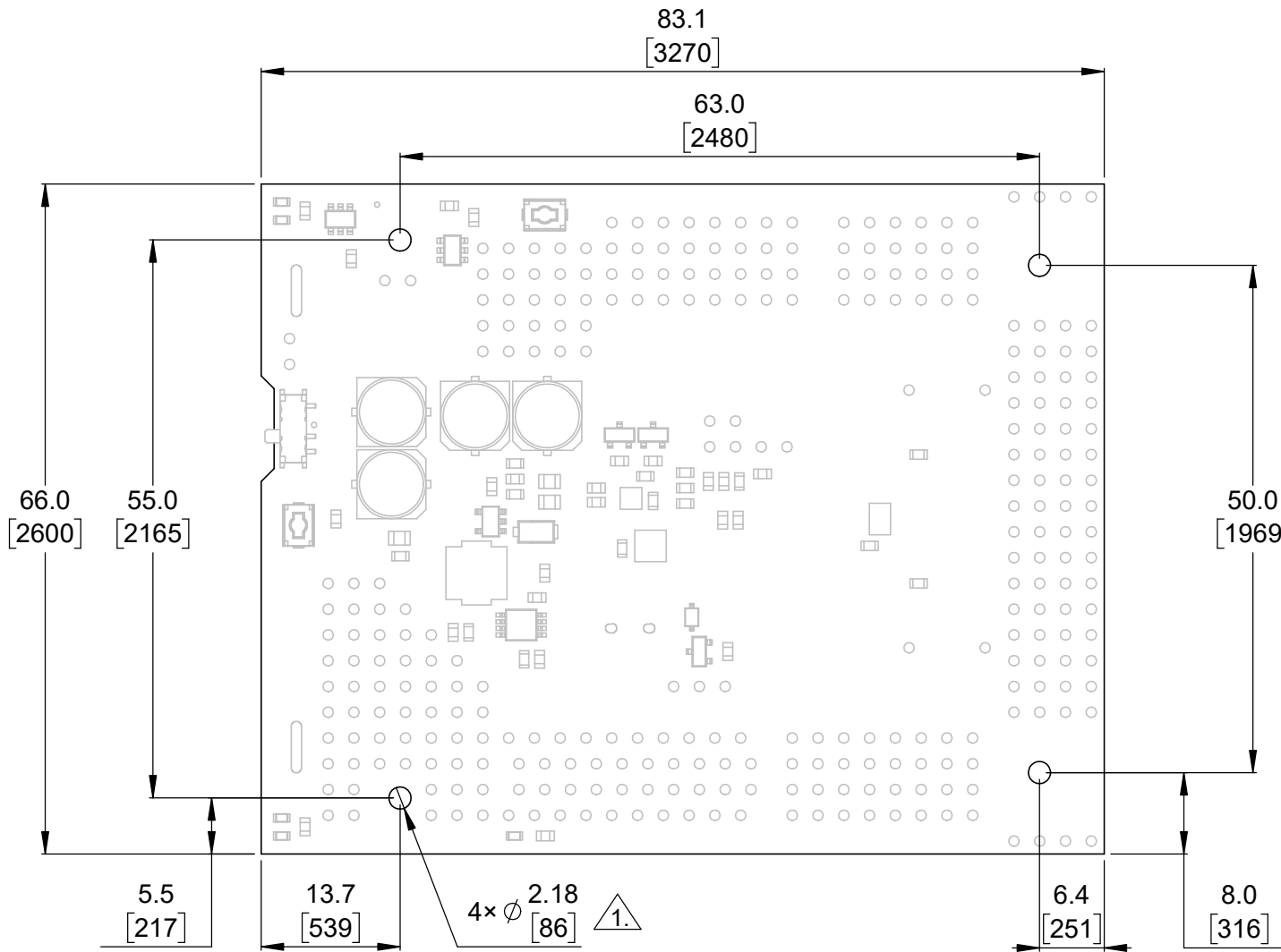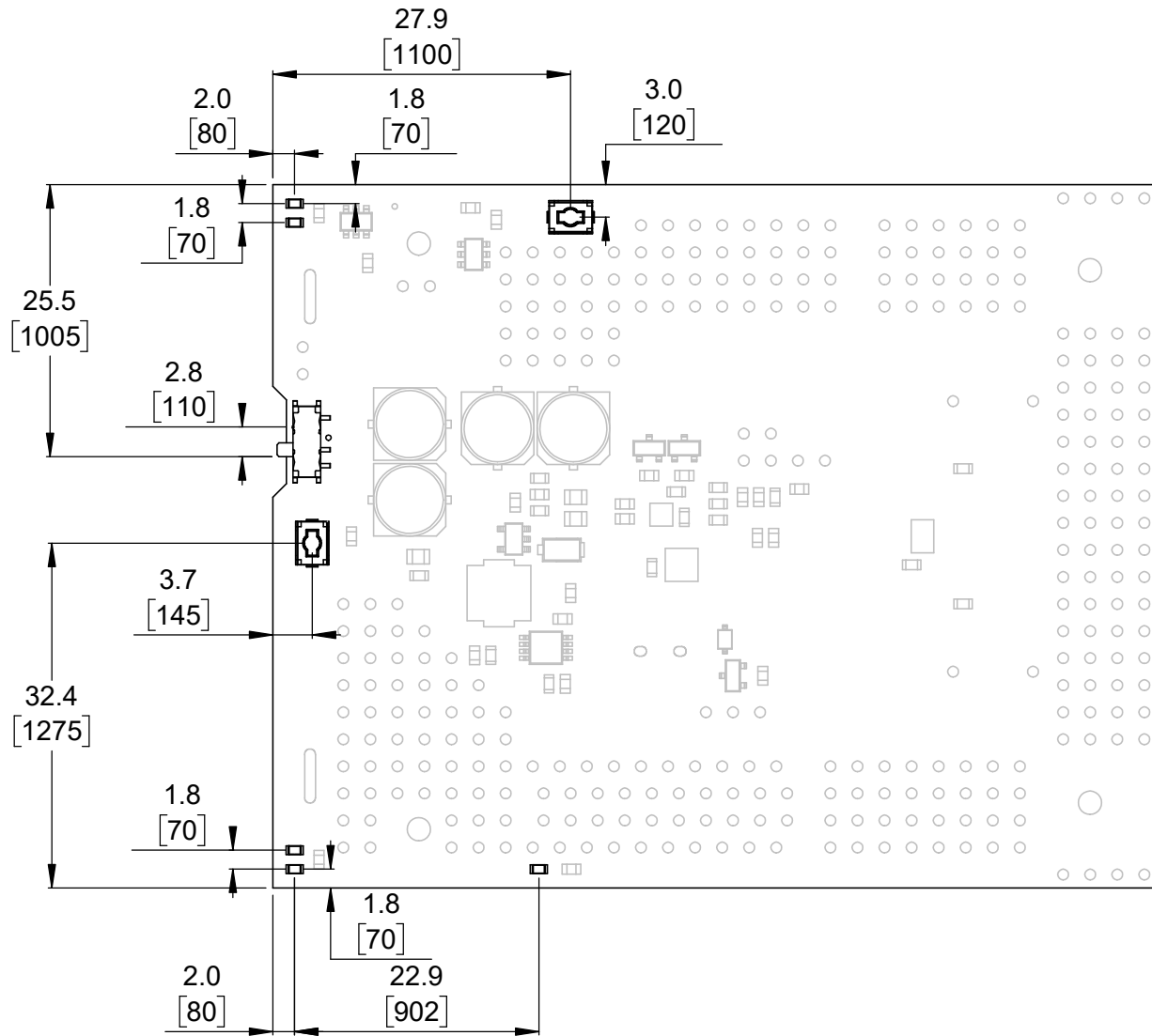
⚠ 1.  Intended for #2 and M2 screws.
2.  To get the specified scale, select 100% in print settings.
3.  Drill location tolerance: ±0.1 [±5].
4.  Board edge tolerance: ±0.3 [±10].

Scale 3:2

User interface elements (top view)

27.9
[1100]

2.0
[80]

1.8
[70]

3.0
[120]

1.8
[70]

25.5
[1005]

2.8
[110]

3.7
[145]

32.4
[1275]

1.8
[70]

1.8
[70]

2.0
[80]

22.9
[902]

1.  To get the specified scale, select 100% in print settings.
2.  Drill location tolerance: ±0.1 [±5].
3.  Board edge tolerance: ±0.3 [±10].

Scale 3:2

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Connector callouts (bottom view)

10.80 [425]

1.02 [40]

298× ⌀ 1.02 [40]

6.60 [260]

3.48 [137]

3.81 [150]

1.02 [40]

1.02 [40]

5.08 [200]

4.06 [160]

1.27 [50]

1.27 [50]

8.49 [334]

12.70 [500]

2× 4.06 [160]

7.50 [295]

2× ⌀ 1.02 [40]

0.25 [10]

2× ⌀ 0.89 [35]

1.27 [50]

25.40 [1000]

3.49 [137]

0.51 [20]

11.72 [462]

2.79 [110]

20.32 [800]

15.24 [600]

8.49 [334]

3.48 [137]

9.53 [375]

11.94 [470]

3.81 [150]

4.06 [160]

1.27 [50]

1.27 [50]

12.19 [480]

1.27 [50]

1. Grid lines indicate 2.54mm [100 mil] spacing.
2. To get the specified scale, select 100% in print settings.
3. Drill location tolerance: ±0.1 [±5].
4. Board edge tolerance: ±0.3 [±10].

Scale 3:2

https://www.pololu.com/product/2521

Name:

Zumo Shield for Arduino v1.3

Item number:
2521

Drawing date:
10 September 2020

Dev code:
zum01d

Units: mm [mil]

Material:
mixed

**Pololu**
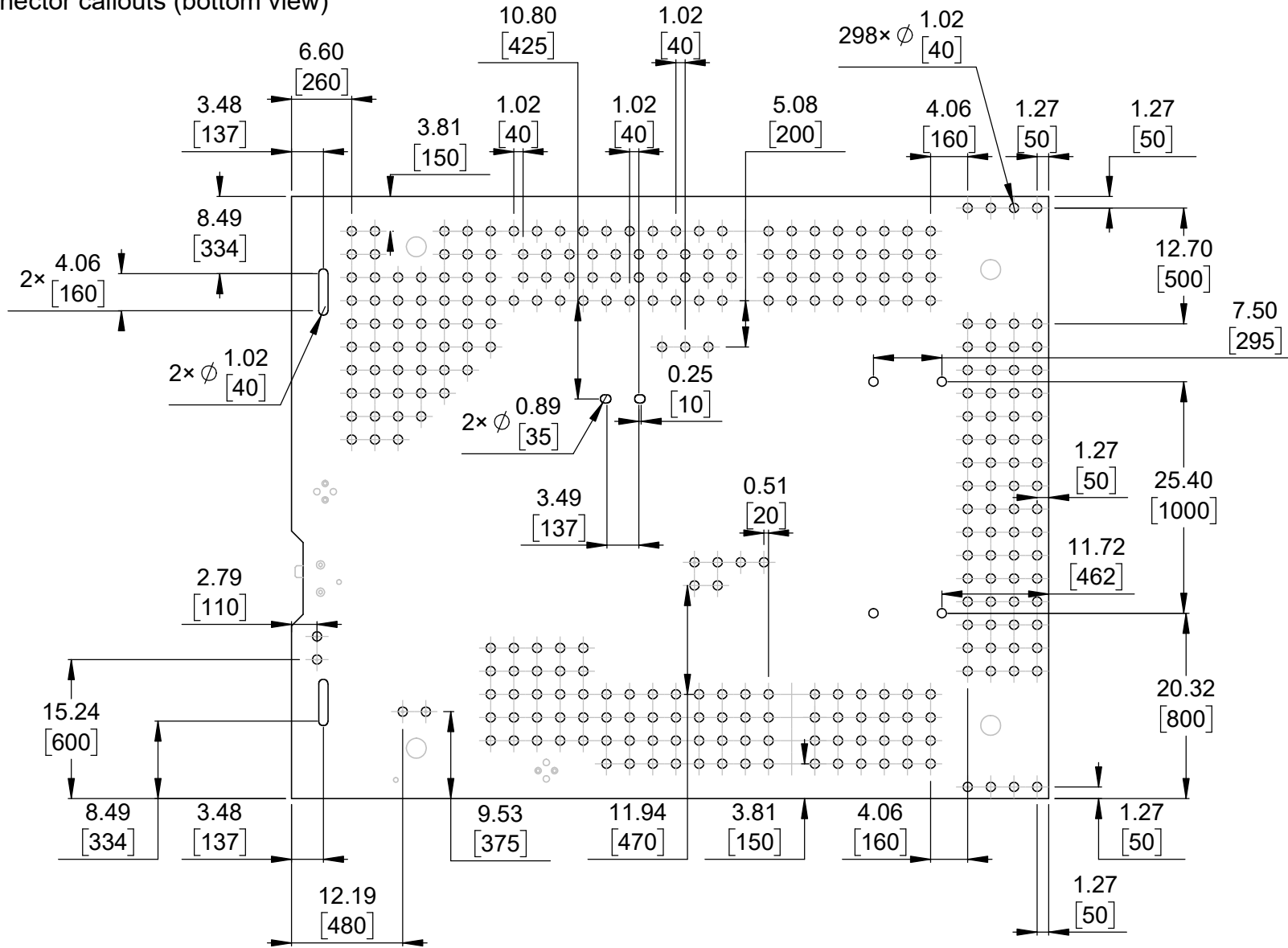Robotics & Electronics
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