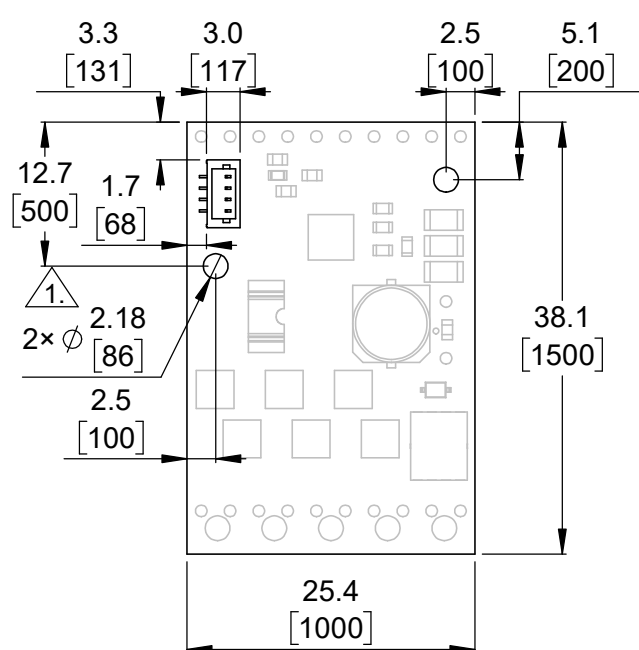
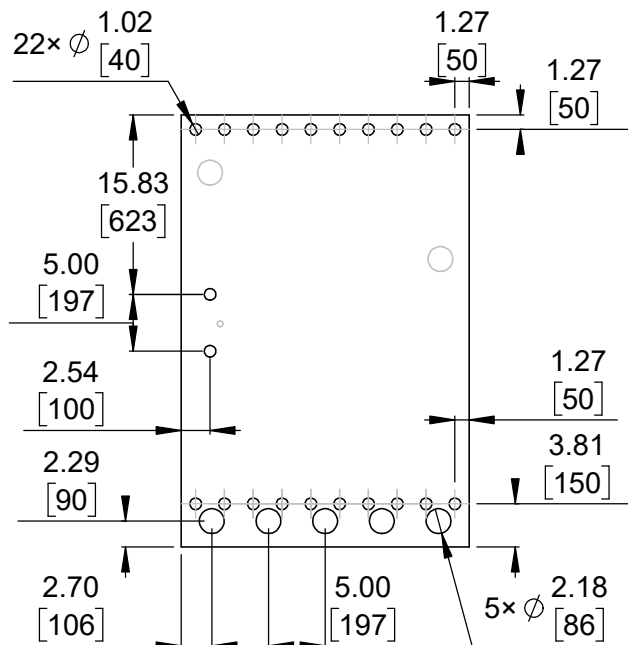
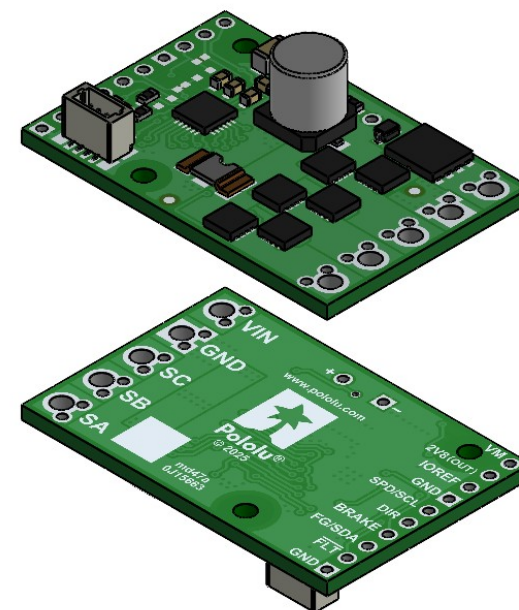




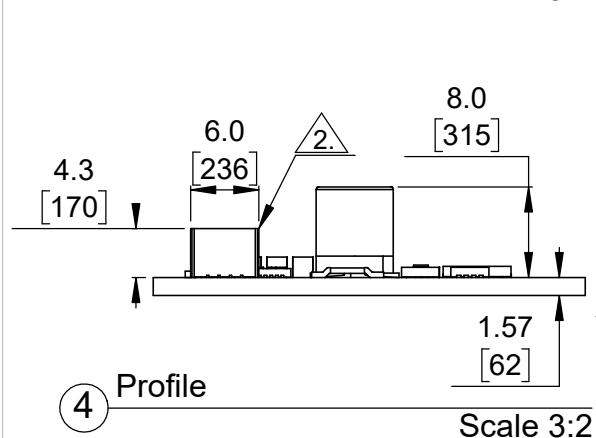
① Board dimensions (top view)  
Scale 3:2



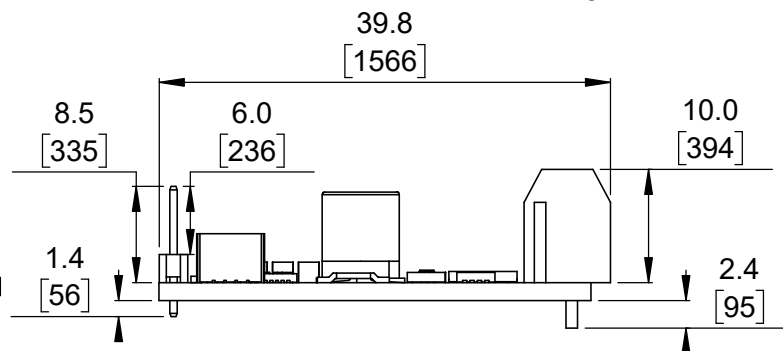
② Connector callouts (bottom view)  
Scale 3:2



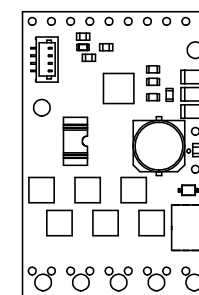
③ Isometric view  
Scale 3:2



④ Profile  
Scale 3:2



⑤ Profile (Soldered Connectors)  
Scale 3:2



⑥ Actual size  
Scale 1:1

1. Intended for #2 and M2 screws.
2. Top-entry, 4-pin male JST SH-style connector (1 mm pitch).
3. Grid lines indicate 2.54 mm [100 mil] spacing.
4. To get the specified scale, select 100% in print settings.
5. Drill location tolerance:  $\pm 0.1$  [ $\pm 5$ ].
6. Board edge tolerance:  $\pm 0.3$  [ $\pm 10$ ].

<https://www.pololu.com/product/5356>

|                                                                          |  |                           |  |
|--------------------------------------------------------------------------|--|---------------------------|--|
| Name:<br>A89301-Based Sensorless Brushless<br>Motor Controller, 50V, 11A |  | Item number:<br>5356-5357 |  |
| Drawing date:<br>18 August 2025                                          |  | Dev code:<br>md47a        |  |
| Units: mm<br>[mil]                                                       |  | Material:<br>mixed        |  |



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