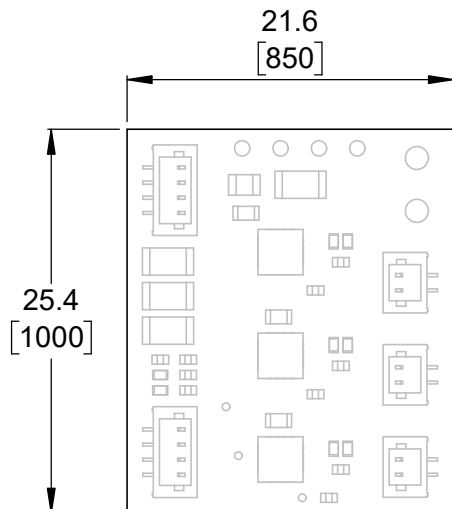
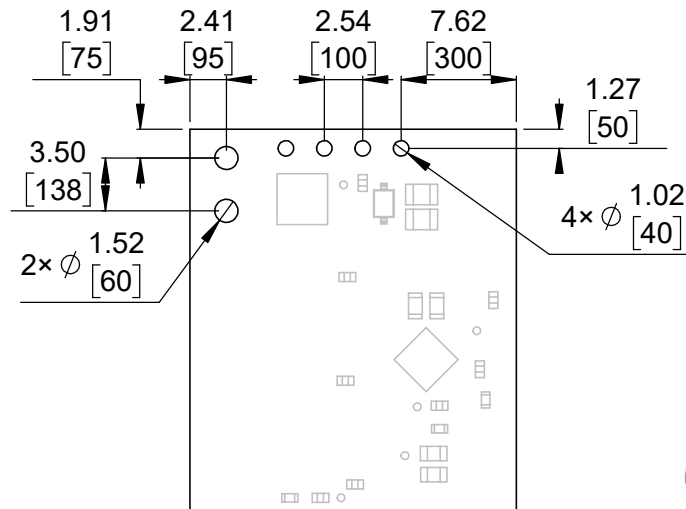
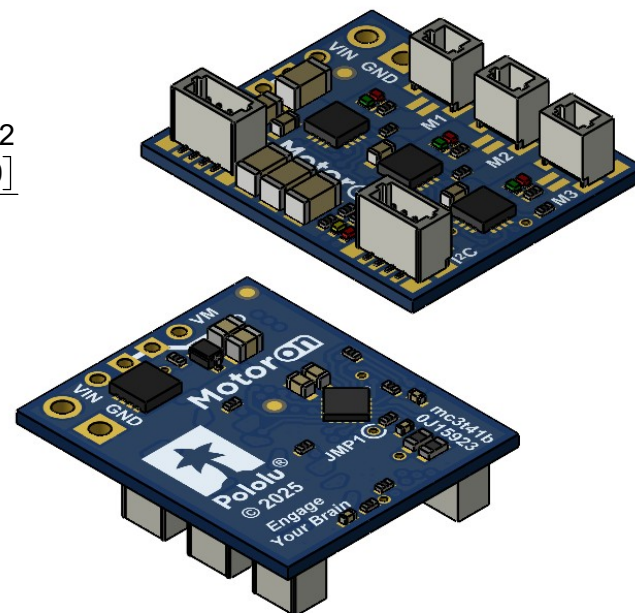




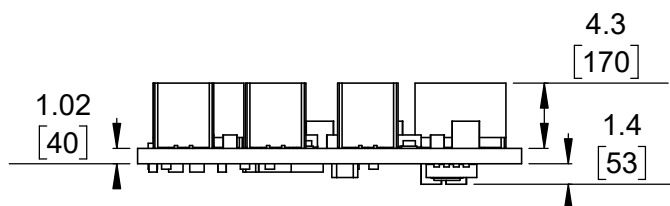
① Board dimensions (top view)
Scale 2:1



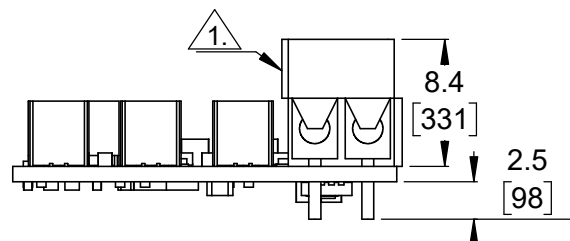
② Through-holes (bottom view)
Scale 2:1



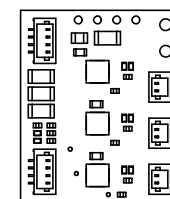
③ Isometric view
Scale 2:1



④ Profile
Scale 2:1



⑤ Profile with VIN terminal block
Scale 2:1



⑥ Actual size
Scale 1:1

1. Optional 3.5 mm [138 mil] pitch terminal block installed.
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].

<https://www.pololu.com/product/5082>

Name:
Motoron M3T453 Triple I²C Motor
Controller with JST SH-Style
Connectors

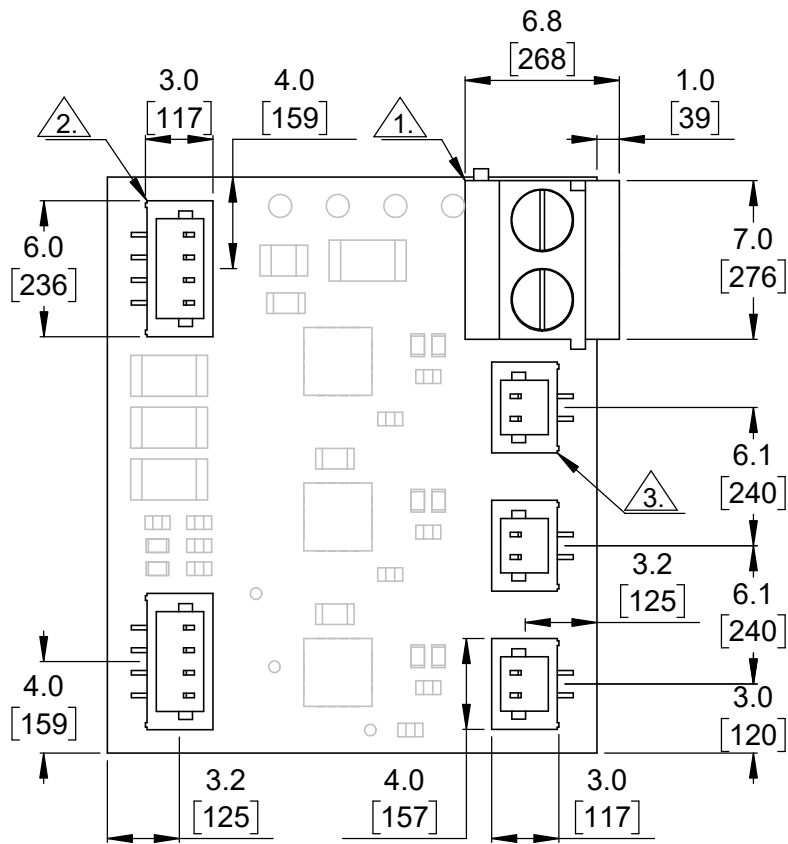
Item number:
5082, 5083

Drawing date:
11 December 2025

Dev code:
mc3t41b

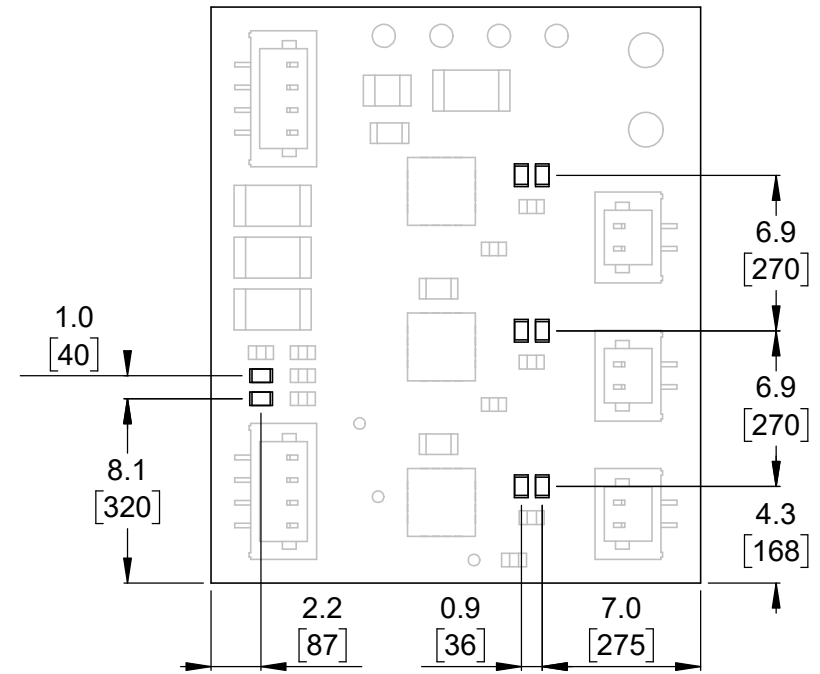
Units: mm [mil]
Material:
mixed

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① Connectors

Scale 3:1



② Indicator LEDs

Scale 3:1

- ①. Optional 3.5 mm [138 mil] pitch terminal block installed.
- ②. Top-entry, 4-pin male JST SH-style connector (1.0 mm pitch).
- ③. Top-entry, 2-pin male JST SH-style connector (1.0 mm pitch).
4. To get the specified scale, select 100% in print settings.
5. Drill location tolerance: ± 0.1 [± 5].
6. Board edge tolerance: ± 0.3 [± 10].

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