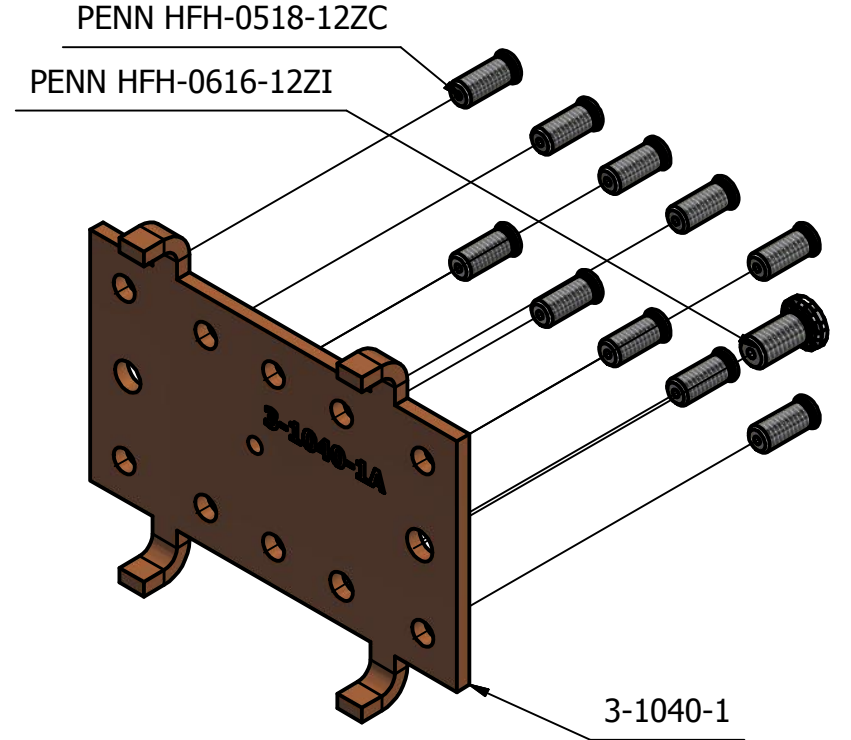
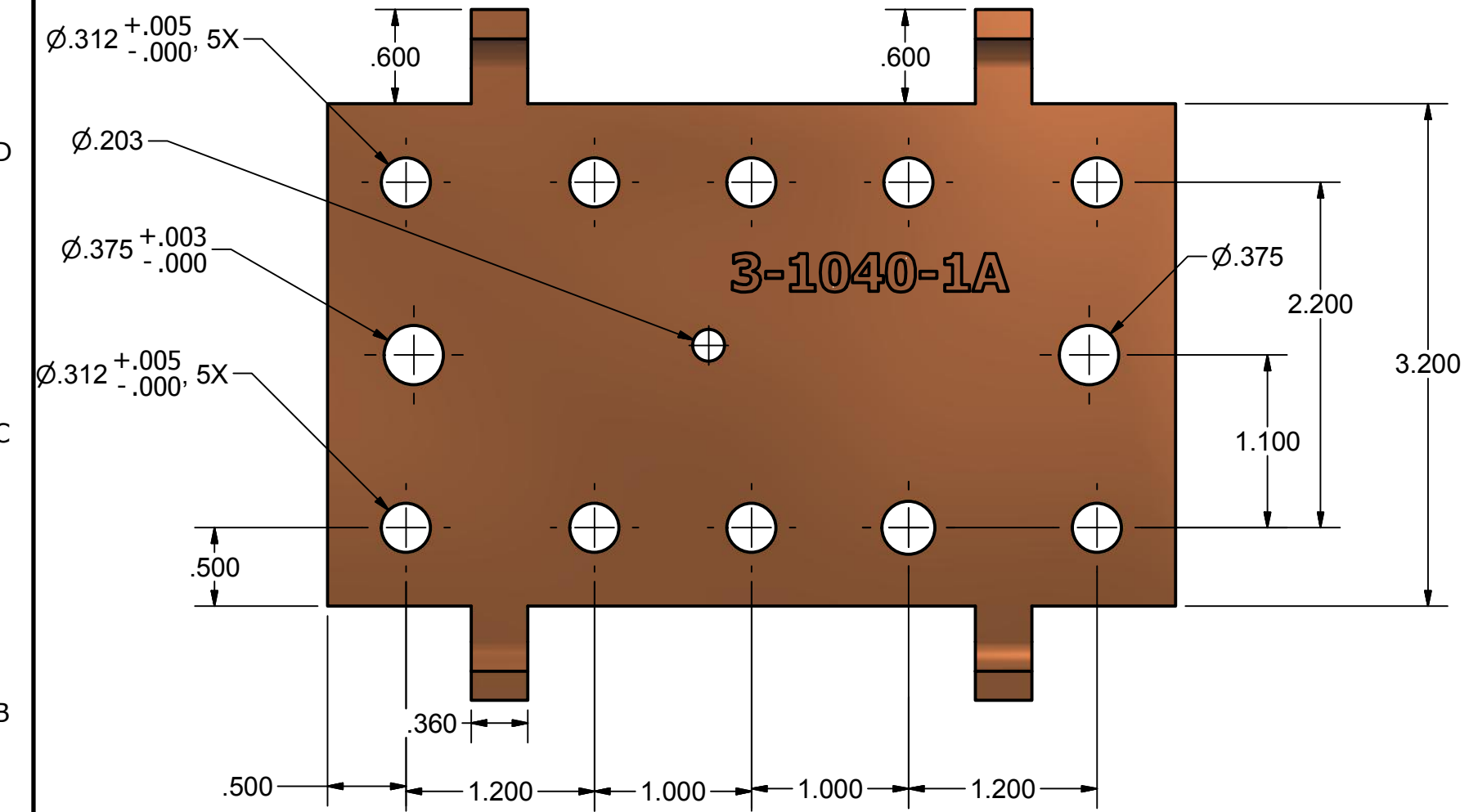


| REVISION HISTORY |                                  |          |      |
|------------------|----------------------------------|----------|------|
| REV.             | DESCRIPTION OF CHANGE            | DATE     | SIGN |
| A                | DESIGN RELEASE AND EXPLODED VIEW | 12/21/22 | RAQ  |
| B                | ADDED CURRENT RATING TO NOTES    | 3/20/23  | RAQ  |

| PARTS LIST |                    |                    |
|------------|--------------------|--------------------|
| QTY        | PART NUMBER        | DESCRIPTION        |
| 1          | 3-1040-1           | MNBCB500-50 BUSBAR |
| 10         | PENN HFH-0518-12ZC | PENN HFH-0518-12ZC |
| 1          | PENN HFH-0616-12ZI | PENN HFH-0616-12ZI |



- MATERIAL: .187 THK COPPER SOFT TO 1/2 HARD
- FINISH: BRIGHT TIN PLATE
- PROCESS: SHEET METAL FABRICATION AND TIN PLATE
- CURRENT RATING:  
 $5.4" \times 3.2" \times .187" = 3.231 \text{ in}^2$  OR 3,231 AMPS  
 $3.2" \times .187" = .598 \text{ in}^2$  INCHES/598 AMPS  
 DEPENDING ON HOW CONFIGURED RATING IS  
 > 598 AMPS AND < 3,232 AMPS

|  |            |               |           |
|--|------------|---------------|-----------|
| <b>ALL TOLERANCES, UNLESS OTHERWISE STATED:</b><br>$x.xxx = +/- 0.005"$<br>$x.xx = +/- 0.01"$<br>$x.x = +/- 0.05"$ |            | DRAWN<br>Bobq | 3/20/2023 |
| <b>ALL ANGLES = +/- 1° UNLESS OTHERWISE STATED</b>   |            | CHECKED       |           |
| MATERIAL:  | STANDARDS: | QA            |           |
| FINISH:  |            | MFG           |           |
| PROCESS:   |            | APPROVED      |           |

**MIDNITE SOLAR, INC**

TITLE: **3-1040-10**  
**MNBCB500-50 BUSBAR**

|           |                        |                     |          |
|-----------|------------------------|---------------------|----------|
| SIZE<br>B | PROJECT:<br>MNBC500-50 | DWG NO<br>3-1040-10 | REV<br>B |
|-----------|------------------------|---------------------|----------|

E-FILE: 3-1040-1 REV A MNBCB500-50 BUSBAR.ipt | SHEET 1 OF 2

1

2

3

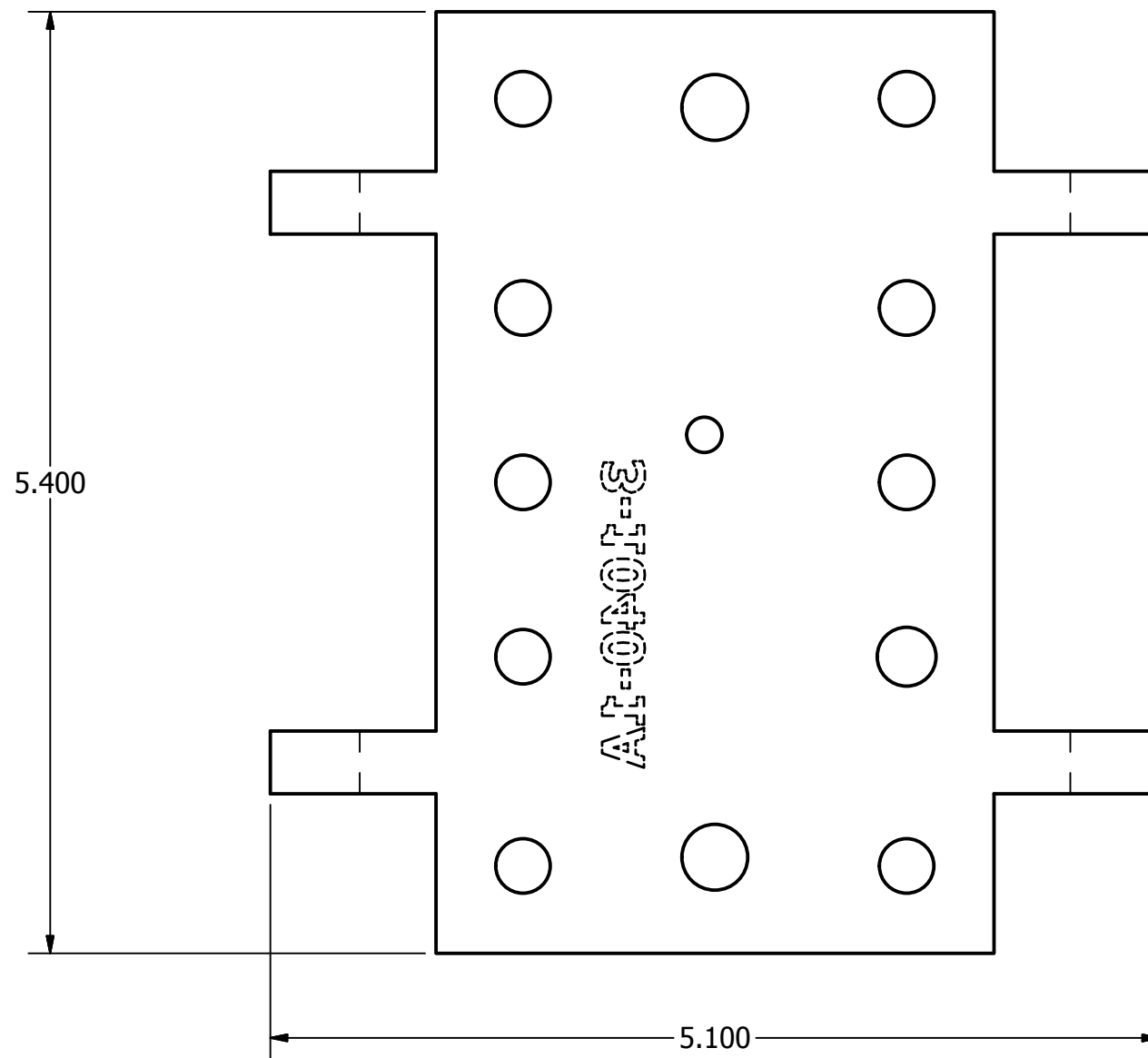
4

5


6

REVISION HISTORY

| REV. | DESCRIPTION OF CHANGE | DATE | SIGN |
|------|-----------------------|------|------|
|------|-----------------------|------|------|



PATTERN, 1:1

|  |  |            |          |           |   |                        |                     |          |
|--|--|------------|----------|-----------|---|------------------------|---------------------|----------|
| <b>ALL TOLERANCES, UNLESS OTHERWISE STATED:</b><br>x.xxx= +/-0.005"<br>x.xx= +/-0.01"<br>x.x= +/-0.05"<br><b>ALL ANGLES = +/- 1° UNLESS OTHERWISE STATED</b> |  | DRAWN      | Bobq     | 3/20/2023 |  |                        |                     |          |
|  |  | CHECKED    |          |           |   |                        |                     |          |
| MATERIAL:<br>FINISH:<br>PROCESS:   |  | STANDARDS: | QA       |           | TITLE<br><b>3-1040-10</b><br><b>MNBCB500-50 BUSBAR</b>                                |                        |                     |          |
|  |  |            | MFG      |           |   |                        |                     |          |
|  |  |            | APPROVED |           | SIZE<br>B   | PROJECT:<br>MNBC500-50 | DWG NO<br>3-1040-10 | REV<br>B |
| E-FILE:3-1040-1 REV A MNBCB500-50 BUSBAR.ipt   |  |            |          |           |   |                        | SHEET 2 OF 2        |          |

B

4

A