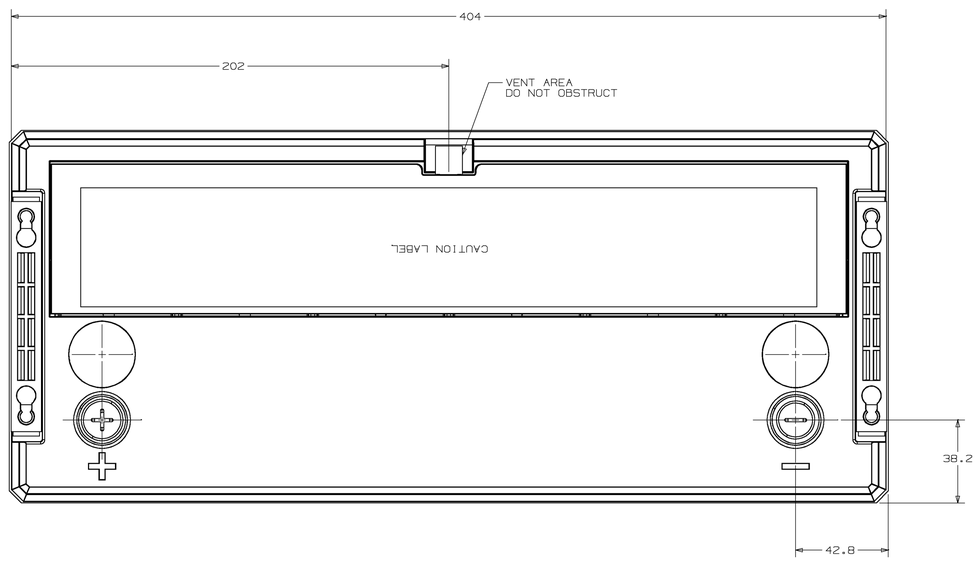
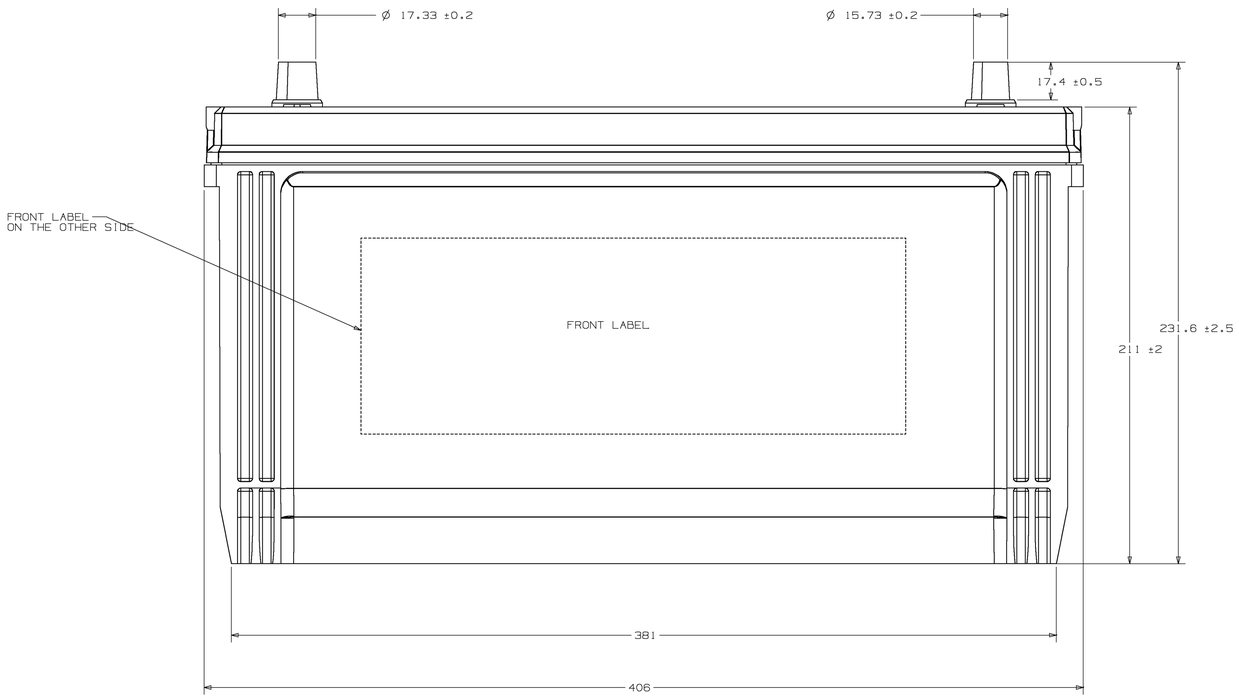
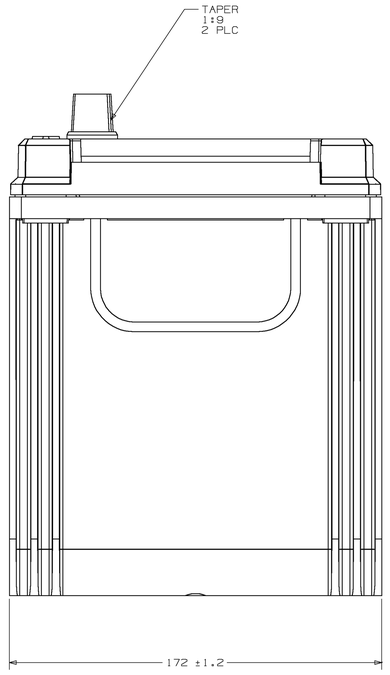
| DWG STATUS | | | | | ZONE | REVISION HISTORY | AUTH | DR | APVD1 | APVD2 |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE | STG | REV | N/P | CHG | | | | | | |
| 11AP16 | | 00 | | | | AFM SOE 6-QW-100(680) | | S.XU | CN.ZHANG | ZG.GAO |

TOP VIEW DIMENSIONS ARE FROM EDGE OF COVER




APPLICATION DATA

CAT. NO. 6-QW-100(680) — 12 VOLTS

GROUP SIZE: BCI_____ JIS E41 EN___

PERFORMANCE RATINGS:

| | | |
|---|---|---|
| RESERVE CAPACITY AT 27° C: MINUTES | | MIN |
| COLD CRANKING AMPERES AT -18° C | 680 | AMPS |
| 20 HOUR RATE: AMP HR | 100 | AH |
| RECOMMENDED MAXIMUM CHARGING OR OPERATING TEMPERATURE | 52 | ° C |

INSTALLATION INSTRUCTIONS:

RECOMMENDED TERMINAL TORQUE SPECIFICATIONS:
TOP TERMINAL POST 5.6-7.9 (N-m)

RECOMMENDED RETAINER TORQUE SPECIFICATIONS:
BASE CLAMP 15.0-20.0 (N-m)
TOP BAR/FRAME 2.3-4.5 (N-m)

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1 (PERFECT FORM AT MMC) DOES NOT APPLY WHEN RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES. SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

ZERO PLACE DECIMALS ±
ONE PLACE DECIMALS ±
TWO PLACE DECIMALS ±

ANGLES ± 1 DEGREE

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

| RANGE | | TOLERANCE |
|---|---|---|
| OVER | TO | |
| 0 | 5 | +/- 0.15 |
| 5 | 10 | +/- 0.20 |
| 10 | 20 | +/- 0.30 |
| 20 | 40 | +/- 0.40 |
| 40 | 80 | +/- 0.70 |
| 80 | 160 | +/- 1.10 |
| 160 | 320 | +/- 1.80 |
| 320 | - | +/- 0.7% |

Johnson Controls

JOHNSON CONTROLS BATTERY GROUP, INC.
CONFIDENTIAL AND PROPRIETARY INFORMATION

NOTICE: THIS DRAWING IS FURNISHED FOR REFERENCE ONLY. NO LICENSE OR OTHER RIGHTS ARE GRANTED TO USE OR REPRODUCTIONS THERE OF. DOES NOT CONVEY ANY MANUFACTURING RIGHTS.

| | DATE |
|---|---|
| DR S.XU | 11AP16 |
| APVD1 CN.ZHANG | |
| APVD2 ZG.GAO | |
| APVD3 | |
| APVD4 | |
| APVD5 | |

MATERIAL

DRAWING NAME: N100 OUTLINE

DRAWING NUMBER: 30033933

| SIZE | SCALE | FRAME NO | SHEET NO | STG | REV | N/P |
|---|---|---|---|---|---|---|
| A0 | 1:1 | 1 OF 1 | 1 OF 1 | | 00 | |