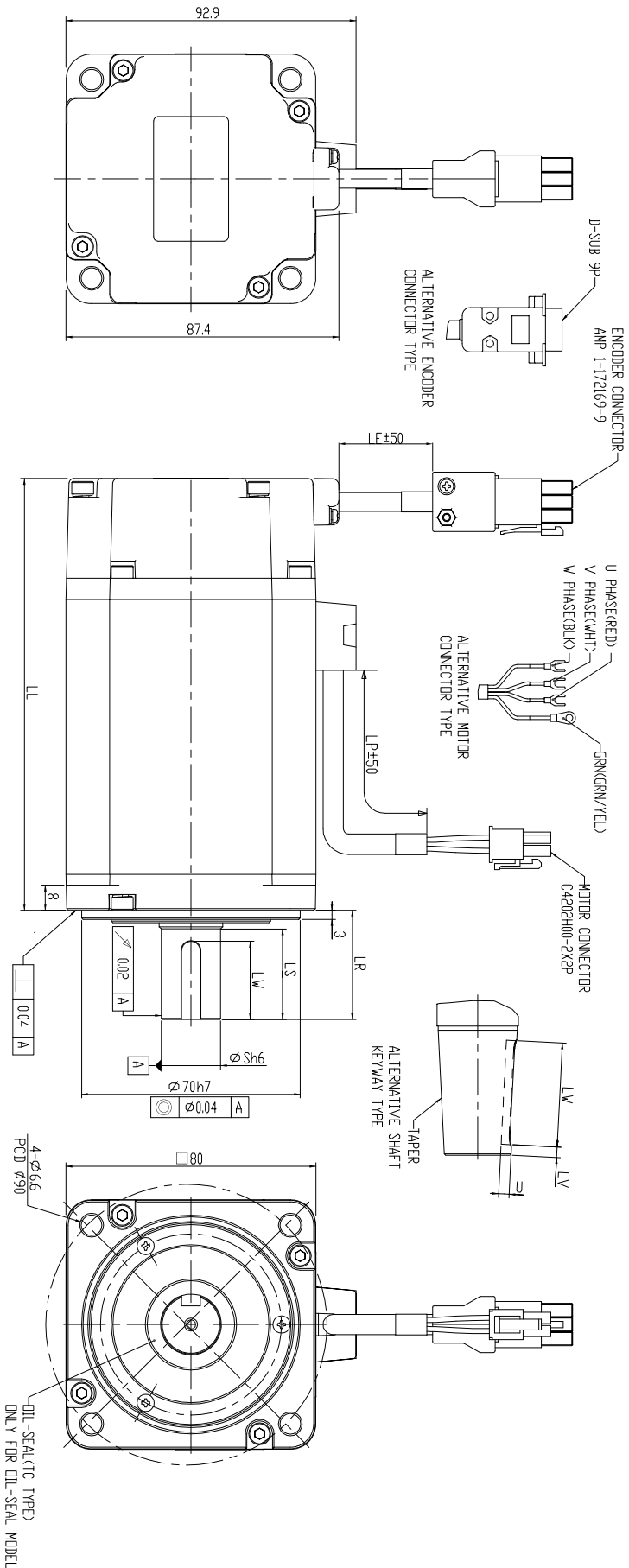


REV. ECN NO.

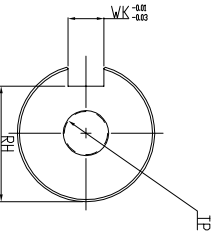
V1.0



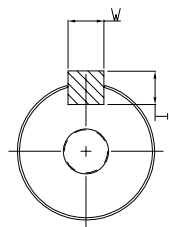
DIMENSION TABLE (MODEL WITHOUT BRAKE)

| MODEL        | LL    | LR | LS   | LW   | S  | LV  | U   | TAPER | VK | V | T | RH   | TP             | LP   | LE   |
|--------------|-------|----|------|------|----|-----|-----|-------|----|---|---|------|----------------|------|------|
| ECMA-C0807EC | 138.3 | 35 | 29.5 | 25   | 19 | —   | —   | —     | 6  | 6 | 6 | 15.5 | —              | 3000 | 3000 |
| ECMA-C0807ES | 138.3 | 35 | 29.5 | 25   | 19 | —   | —   | —     | 6  | 6 | 6 | 15.5 | —              | 300  | 300  |
| ECMA-C0807GS | 138.3 | 35 | 29.5 | 25   | 19 | —   | —   | —     | 6  | 6 | 6 | 15.5 | —              | 300  | 300  |
| ECMA-C0807GC | 138.3 | 35 | 29.5 | 25   | 19 | —   | —   | —     | 6  | 6 | 6 | 15.5 | —              | 3000 | 3000 |
| ECMA-C0807P6 | 138.3 | 40 | 34.5 | 32.5 | 16 | —   | —   | —     | 5  | 5 | 5 | 13.0 | —              | 300  | 300  |
| ECMA-C0807VL | 138.3 | 35 | 31   | 25   | 19 | 2.5 | 2.5 | 1/10  | 5  | 5 | 5 | —    | M6XPI0X20DEPTH | 3000 | 3000 |

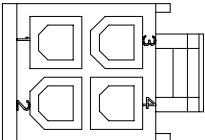
SHAFT END DETAIL



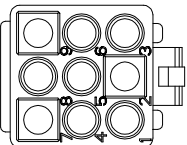
KEY DETAILS



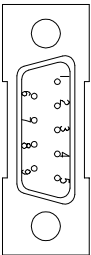
| MOTOR CONNECTOR<br>(MODEL W/O BRAKE) |          |         |
|--------------------------------------|----------|---------|
| PIN No.                              | FUNCTION | COLOR   |
| 1                                    | U PHASE  | RED     |
| 2                                    | V PHASE  | WHT     |
| 3                                    | W PHASE  | BLK     |
| 4                                    | GND      | GRN/YEL |



| ENCODER CONNECTOR<br>(PLUG TYPE) |          |         |
|----------------------------------|----------|---------|
| PIN No.                          | FUNCTION | COLOR   |
| 250ppr                           | 20bit    |         |
| 1                                | A        | T+      |
| 2                                | B        | BAT_5V  |
| 3                                | Z        | —       |
| 4                                | A        | T-      |
| 5                                | B        | BAT_GND |
| 6                                | Z        | —       |
| 7                                | DC+5V    | DC+5V   |
| 8                                | GND      | GND     |
| 9                                | SHIELD   | SHIELD  |



| ENCODER CONNECTOR<br>(D-SUB TYPE) |          |         |
|-----------------------------------|----------|---------|
| PIN No.                           | FUNCTION | COLOR   |
| 1                                 | Z        | DRG/RED |
| 2                                 | B        | WHT/RED |
| 3                                 | B        | WHT     |
| 4                                 | A        | BLK     |
| 5                                 | A        | BLK/RED |
| 6                                 | GND      | BLU     |
| 7                                 | GND      | BLU     |
| 8                                 | VCC      | BRN     |
| 9                                 | Z        | DRG     |
| —                                 | SHIELD   | SHIELD  |



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Drawing Name:

ECMA-C0807

USED ON

XXXXXX

Drawn:

Date:

Design:

ECN No.:

DIMENSIONAL TOLERANCES

| ( )      | ( )      | ( )    | ( )      | ( )    | ANGLES          |
|----------|----------|--------|----------|--------|-----------------|
| DECIMALS | <50      | :±0.1  | <50      | :±0.15 | <30° :±0.1°     |
| X        | >50-100  | :±0.15 | >50-100  | :±0.2  | >30°-60° :±0.3° |
| X.X      | >100-200 | :±0.2  | >100-200 | :±0.25 | >60°-90° :±0.5° |
| X.XX     | >200     | :±0.25 | >200     | :±0.25 |                 |

A3

SIZE

UNIT

mm

SCALE

SHEET 1 OF 1

REV.

V1.0