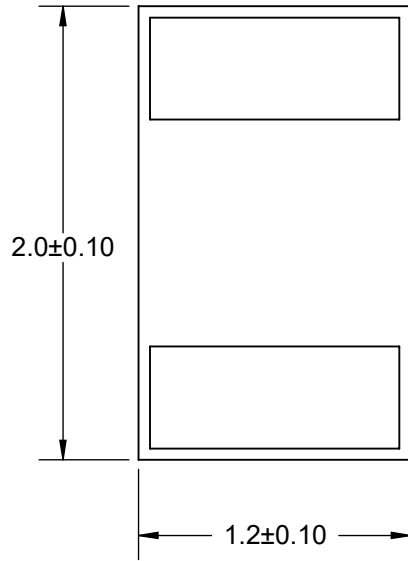
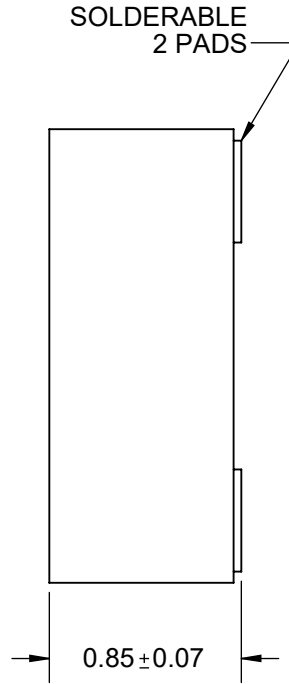


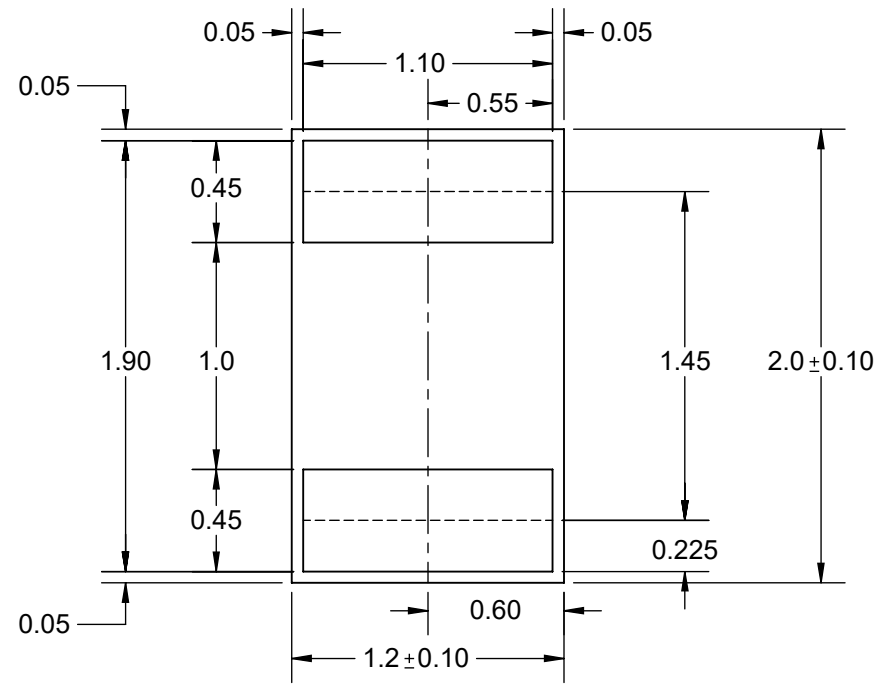
**TOP**



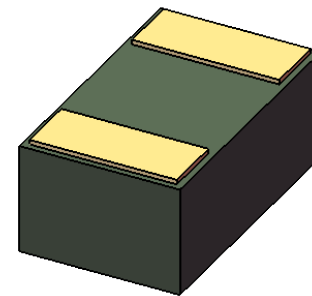
**SIDE**



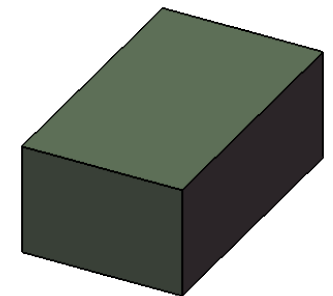
**BOTTOM**



**MODEL**

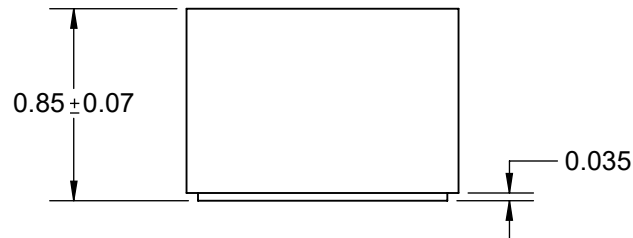


**BOTTOM**



**TOP**

**END VIEW**

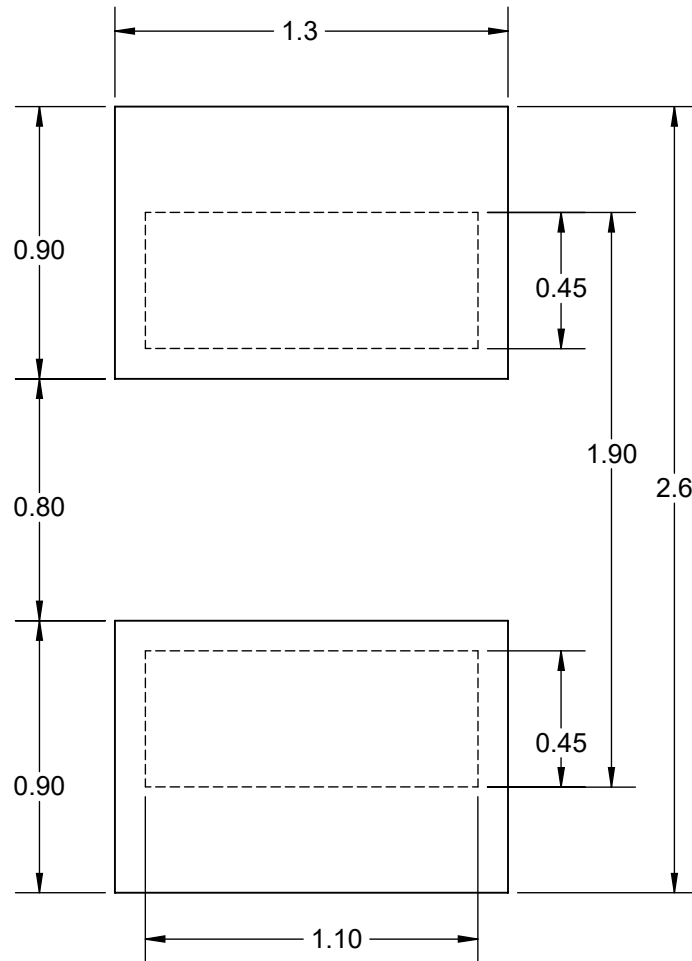


Notes: (Unless Otherwise Specified)

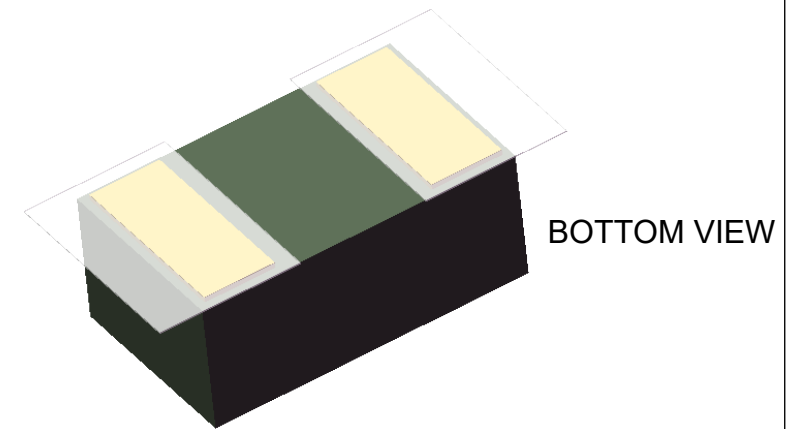
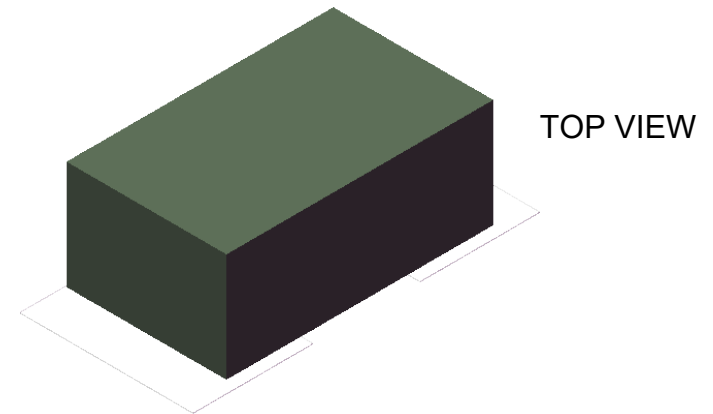
- 1) DIMENSIONS: MM
- 2) POLARITY: NON-POLAR
- 3) MARKINGS: NONE
- 4) BODY MATERIAL: FR4
- 5) BOTTOM TERMINAL: Cu COPPER 35um THICK.
- 6) TERMINAL PLATING: Ni 4.0um Au 0.13um
- 7) Pb-FREE RoHS COMPLIANT. REACH COMPLIANT

|             |           |   |      |             |              |
|-------------|-----------|---|------|-------------|--------------|
| APPROVALS   | DATE      | <b>TopLine®</b>                           |      |             |              |
| DRAWN T. Au | 7/16/2018 |   |      |             |              |
| ENG M. Hart | 7/16/2018 | TITLE SSL080533E7A-G<br>SOLDERABLE SPACER |      |             |              |
| MFG         |           | SCALE                                     | SIZE | DRAWING NO. | REV          |
| QA          |           | 30:1                                      | A    | 080533      | A            |
| CUST        |           | DO NOT SCALE DRAWING                      |      |             | SHEET 1 OF 5 |
| REVISED     |           |   |      |             |              |

# PC BOARD LAND PATTERN



## MODEL



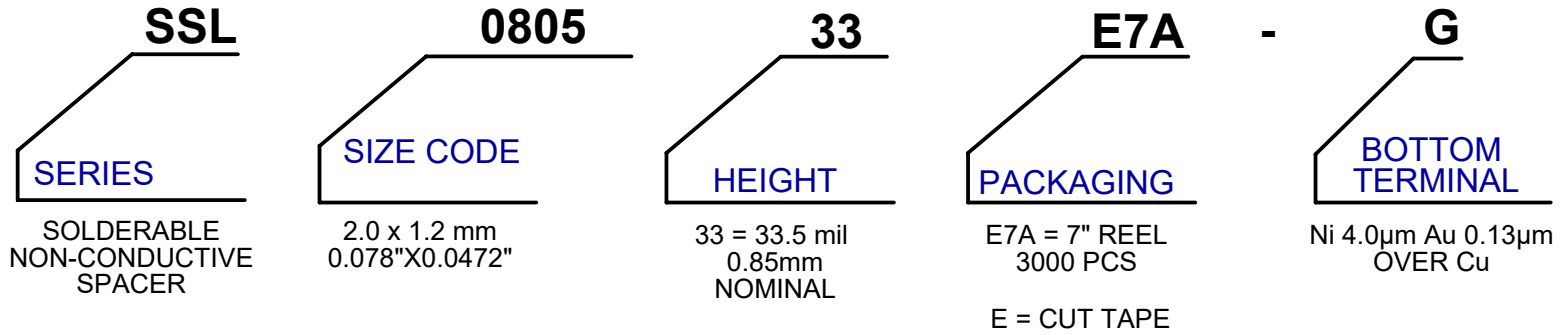
Notes: (Unless Otherwise Specified).

1) DIMENSION IN mm.

2) PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE.  
DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.

|                      |      |                                     |              |
|----------------------|------|-------------------------------------|--------------|
| <b>TopLine®</b>      |      |                                     |              |
| TITLE                |      | SSL080533E7A-G<br>SOLDERABLE SPACER |              |
| SCALE                | SIZE | DRAWING NO.                         | REV          |
| 40:1                 | A    | 080533                              | A            |
| DO NOT SCALE DRAWING |      |                                     | SHEET 2 OF 5 |

## PART NUMBERING SYSTEM



| PART NUMBER    | REEL QTY | Pb-Free<br>RoHS | MSL<br>LEVEL | APPLICATION | TOP<br>MARK | DWG    |
|----------------|----------|-----------------|--------------|-------------|-------------|--------|
| SSL080533E7A-G | 3000     | YES             | 3            | SPACER      | NONE        | 080533 |

**TopLine®**

TITLE  
SSL080533E7A-G  
SOLDERABLE SPACER

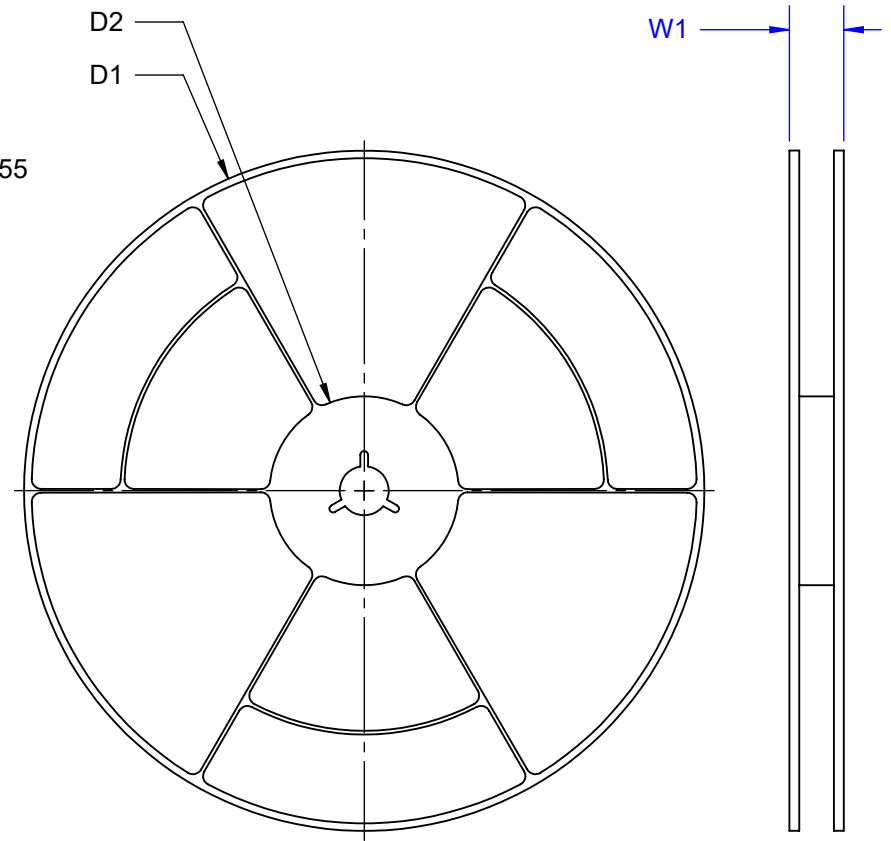
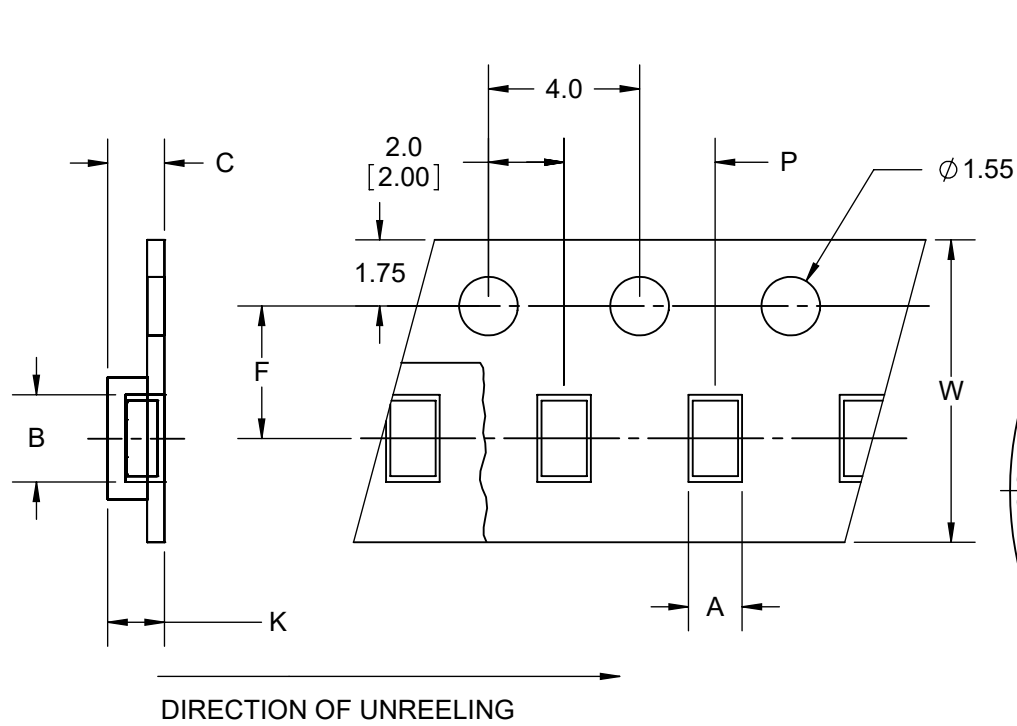
|               |           |                       |          |
|---------------|-----------|-----------------------|----------|
| SCALE<br>NONE | SIZE<br>A | DRAWING NO.<br>080533 | REV<br>A |
|---------------|-----------|-----------------------|----------|

DO NOT SCALE DRAWING

SHEET 3 OF 5

# TAPE SPECIFICATION SURFACE MOUNT DEVICE

# 7-INCH REEL 178mm

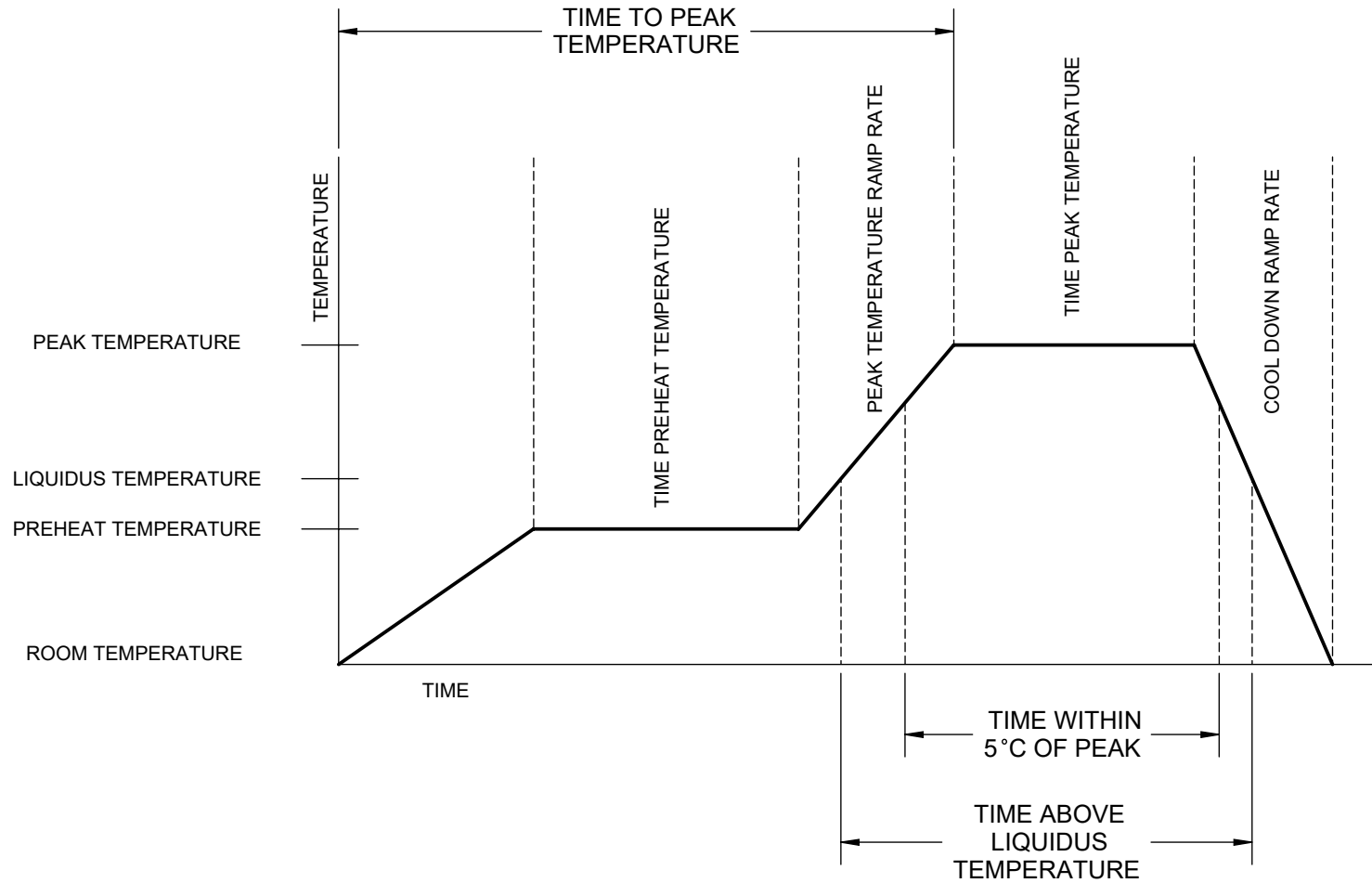


ALL DIMENSIONS IN mm.

| TAPE AND REEL DIMENSIONS |        | E7A<br>7-INCH |
|--------------------------|--------|---------------|
|                          | SYMBOL | SSL0805       |
| TAPE WIDTH               | W      | 8             |
| PITCH OF COMPONENTS      | P      | 4             |
| POCKET WIDTH             | A      | 1.42          |
| POCKET LENGTH            | B      | 2.31          |
| POCKET DEPTH             | K      | 1.04          |
| CARRIER THICKNESS        | C      | 1.5           |
| REEL DIAMETER            | D1     | 178           |
| HUB DIAMETER             | D2     | 50            |
| PUNCH HOLE POSITION      | F      | 3.5           |
| MAX REEL WIDTH           | W1     | 11.4          |

|  |           |                       |              |
|--|-----------|-----------------------|--------------|
| <b>TopLine®</b>                              |           |                       |              |
| TITLE<br>SSL080533E7A-G<br>SOLDERABLE SPACER |           |                       |              |
| SCALE<br>5:1                                 | SIZE<br>A | DRAWING NO.<br>080533 | REV<br>A     |
| DO NOT SCALE DRAWING                         |           |                       | SHEET 4 OF 5 |

# LEAD FREE REFLOW PROFILE OF SMD PACKAGE



| DESCRIPTION                | REQUIREMENT                  |
|----------------------------|------------------------------|
| AVERAGE PREHEAT RAMP RATE  | 3°C /SECOND MAXIMUM          |
| PREHEAT TEMPERATURE        | 150°C MINIMUM, 200°C MAXIMUM |
| PREHEAT TIME               | 60 TO 120 SECONDS            |
| RAMP TO PEAK               | 3°C /SECOND MAXIMUM          |
| TIME OVER LIQUIDUS (217°C) | 60 TO 260 SECONDS            |
| PEAK TEMPERATURE           | 260°C +0/-5°C                |
| TIME WITHIN 5°C OF PEAK    | 10 TO 30 SECONDS             |
| RAMP - COOL DOWN           | 6°C /SECONDS MAXIMUM         |
| TIME 25°C TO PEAK          | 8 MINUTES MAXIMUM            |

|  |      |             |              |
|--|------|-------------|--------------|
| <b>TopLine®</b>                                |      |             |              |
| TITLE      SSL080533E7A-G<br>SOLDERABLE SPACER |      |             |              |
| SCALE  | SIZE | DRAWING NO. | REV          |
| NONE   | A    | 080533      | A            |
| DO NOT SCALE DRAWING                           |      |             | SHEET 5 OF 5 |