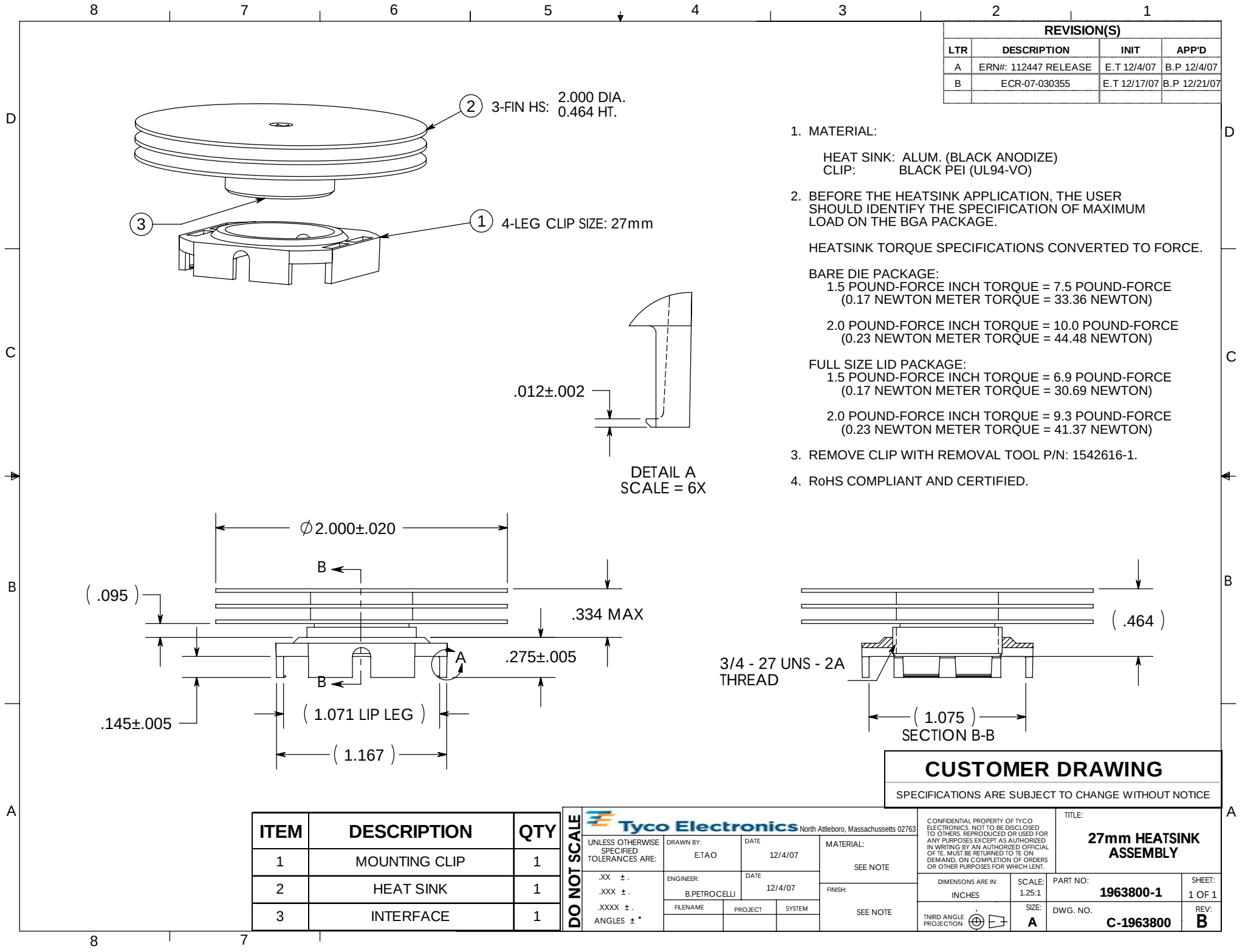




| REVISION(S) |                      |              |              |
|-------------|----------------------|--------------|--------------|
| LTR         | DESCRIPTION          | INIT         | APP'D        |
| A           | ERN#: 112447 RELEASE | E.T 12/4/07  | B.P 12/4/07  |
| B           | ECR-07-030355        | E.T 12/17/07 | B.P 12/21/07 |

1. MATERIAL:
- HEAT SINK: ALUM. (BLACK ANODIZE)  
CLIP: BLACK PEI (UL94-VO)
2. BEFORE THE HEATSINK APPLICATION, THE USER SHOULD IDENTIFY THE SPECIFICATION OF MAXIMUM LOAD ON THE BGA PACKAGE.
- HEATSINK TORQUE SPECIFICATIONS CONVERTED TO FORCE.
- BARE DIE PACKAGE:  
1.5 POUND-FORCE INCH TORQUE = 7.5 POUND-FORCE (0.17 NEWTON METER TORQUE = 33.36 NEWTON)  
2.0 POUND-FORCE INCH TORQUE = 10.0 POUND-FORCE (0.23 NEWTON METER TORQUE = 44.48 NEWTON)
- FULL SIZE LID PACKAGE:  
1.5 POUND-FORCE INCH TORQUE = 6.9 POUND-FORCE (0.17 NEWTON METER TORQUE = 30.69 NEWTON)  
2.0 POUND-FORCE INCH TORQUE = 9.3 POUND-FORCE (0.23 NEWTON METER TORQUE = 41.37 NEWTON)
3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.
4. RoHS COMPLIANT AND CERTIFIED.

**CUSTOMER DRAWING**

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

| ITEM | DESCRIPTION   | QTY |
|------|---------------|-----|
| 1    | MOUNTING CLIP | 1   |
| 2    | HEAT SINK     | 1   |
| 3    | INTERFACE     | 1   |

|                                                              |                                            |                            |               |                                                                                                                                                                                                                                                                            |                               |                        |                    |
|--------------------------------------------------------------|--------------------------------------------|----------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|--------------------|
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| DO NOT SCALE                                                 | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: | DRAWN BY: E.TAO            | DATE: 12/4/07 | MATERIAL: SEE NOTE                                                                                                                                                                                                                                                         | TITLE: 27mm HEATSINK ASSEMBLY |                        |                    |
|                                                              | .XX ± .                                    | ENGINEER: B.PETROCELLI     | DATE: 12/4/07 | FINISH: SEE NOTE                                                                                                                                                                                                                                                           | DIMENSIONS ARE IN: INCHES     | SCALE: 1.25:1          | PART NO: 1963800-1 |
|                                                              | .XXX ± .                                   | FILENAME: PROJECT: SYSTEM: |               |                                                                                                                                                                                                                                                                            | SIZE: A                       | THIRD ANGLE PROJECTION | SHEET: 1 OF 1      |
|                                                              | .XXXX ± .                                  |                            |               |                                                                                                                                                                                                                                                                            |                               |                        | REV: B             |
|                                                              | ANGLES ± °                                 |                            |               |                                                                                                                                                                                                                                                                            |                               |                        |                    |