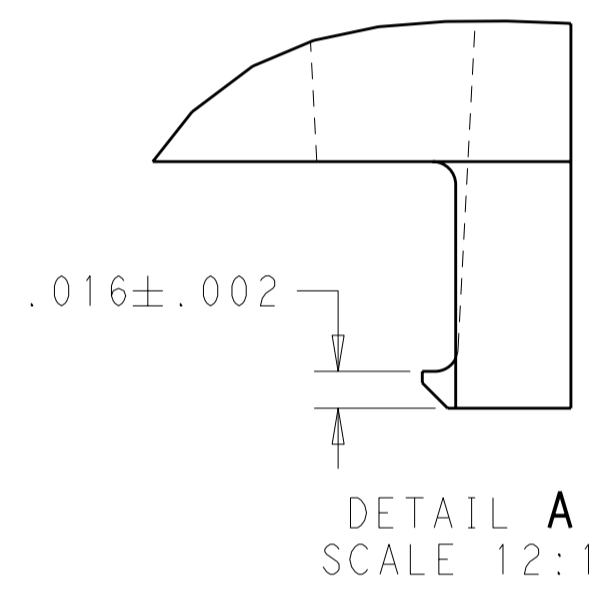
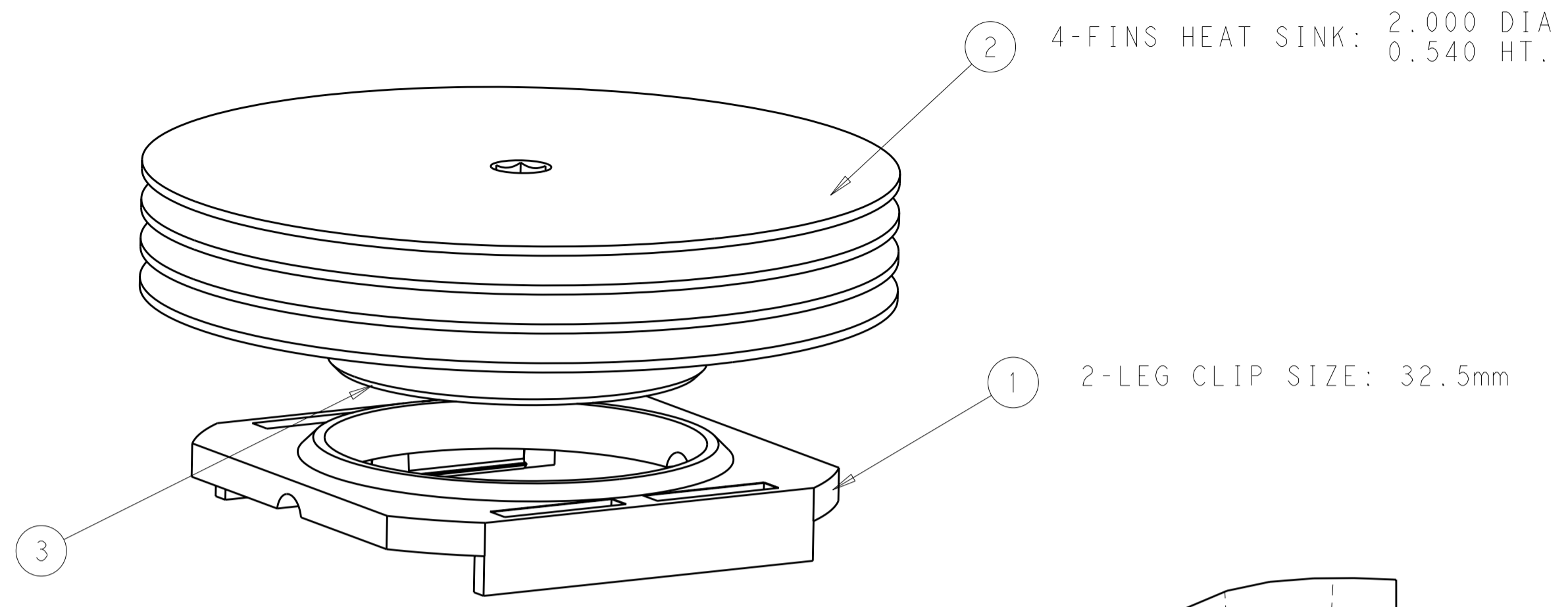


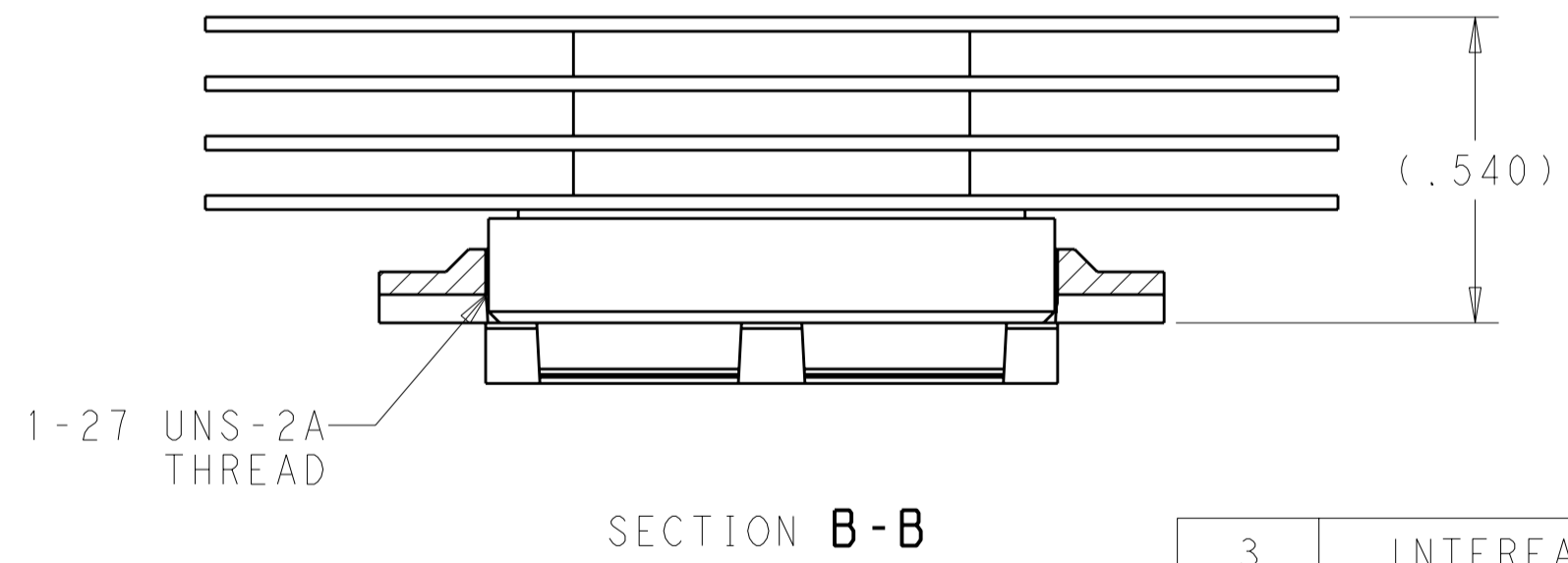
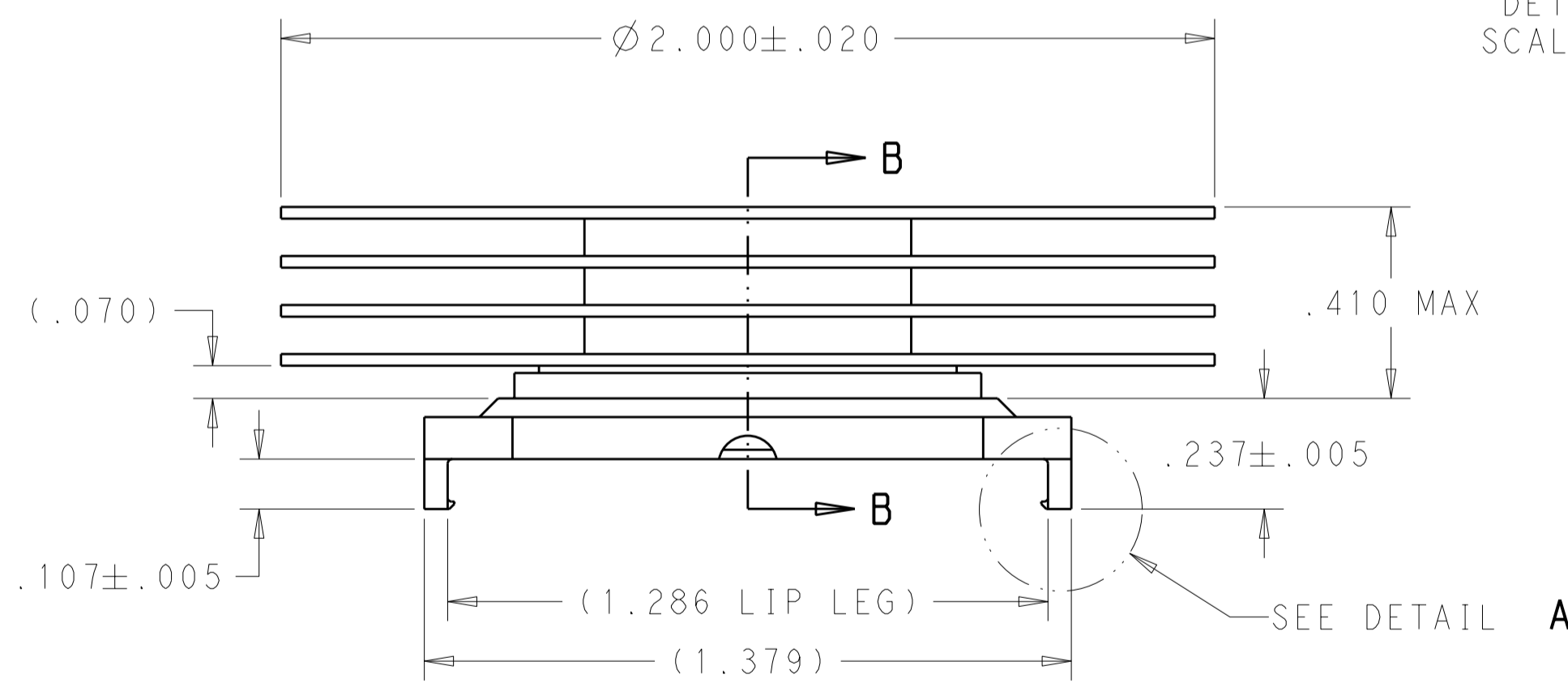
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| LOC |     | DIST                              |           | REVISIONS |      |  |  |
|-----|-----|-----------------------------------|-----------|-----------|------|--|--|
| P   | LTR | DESCRIPTION                       | DATE      | DWN       | APVD |  |  |
|     | B   | REVISED/REDRAWN PER ECO-09-020027 | 16OCT2009 | DH        | JE   |  |  |



NOTE:

- MATERIAL:  
HEAT SINK: ALUM. (BLACK ANODIZED)  
CLIP: BLACK PEI (UL94-VO)
- BEFORE THE HEATSINK APPLICATION, THE USER SHOULD IDENTIFY THE SPECIFICATION OF MAXIMUM LOAD ON THE BGA PACKAGE.  
HEAT SINK TORQUE SPECIFICATIONS CONVERTED TO FORCE.  
BARE DIE PACKAGE:  
2.0 INCH-LB TORQUE=8.1 LBS FORCE  
2.5 INCH-LB TROQUE=10.1 LBS FORCE  
FULL SIZE LID PACKAGE:  
2.0 INCH-LB TORQUE=6.9 LBS FORCE  
2.5 INCH-LB TROQUE=8.7 LBS FORCE
- REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1
- RoHS COMPLIANT AND CERTIFIED



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

|   |  |                                |   |  |
|---|--|--------------------------------|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION. |  | DWN<br>D. HUMBERT<br>16OCT2009 | Tyco Electronics<br>Harrisburg, PA 17105-3608 |  |
| DIMENSIONS:<br>INCHES   |  | CHK<br>J. EABY<br>16OCT2009    | NAME<br>32.5mm HEATSINK ASSEMBLY (HTS512-U)   |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.<br>1 PLC ±.1<br>2 PLC ±.02<br>3 PLC ±.005<br>4 PLC ±.0005<br>ANGLES ±.<br>FINISH   |  | APVD<br>J. EABY<br>16SEP2009   | SIZE<br>A200779                               |  |
| MATERIAL<br>SEE NOTE  |  | PRODUCT SPEC<br>-              | DRAWING NO<br>C-2-1542006-1                   |  |
| SEE NOTE  |  | APPLICATION SPEC<br>-          | RESTRICTED TO<br>-                            |  |
| SEE NOTE  |  | WEIGHT<br>-                    | SCALE 3:1 SHEET 1 OF 1 REV B                  |  |
| CUSTOMER DRAWING  |  |                                |   |  |