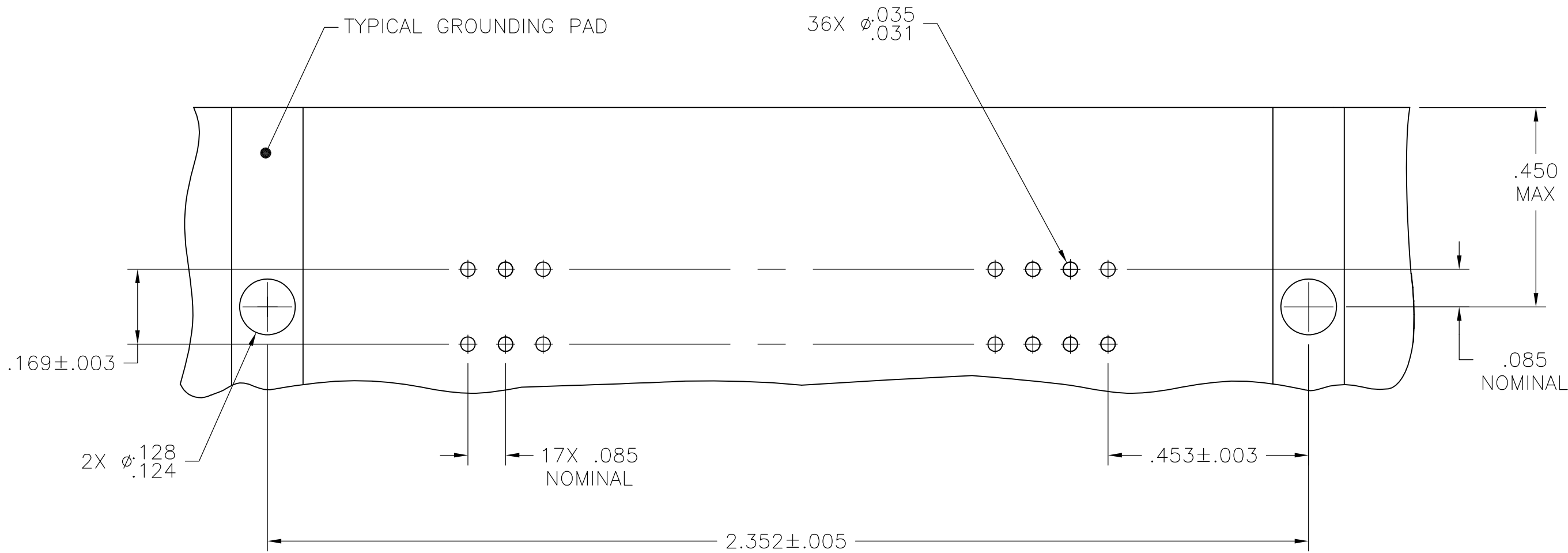
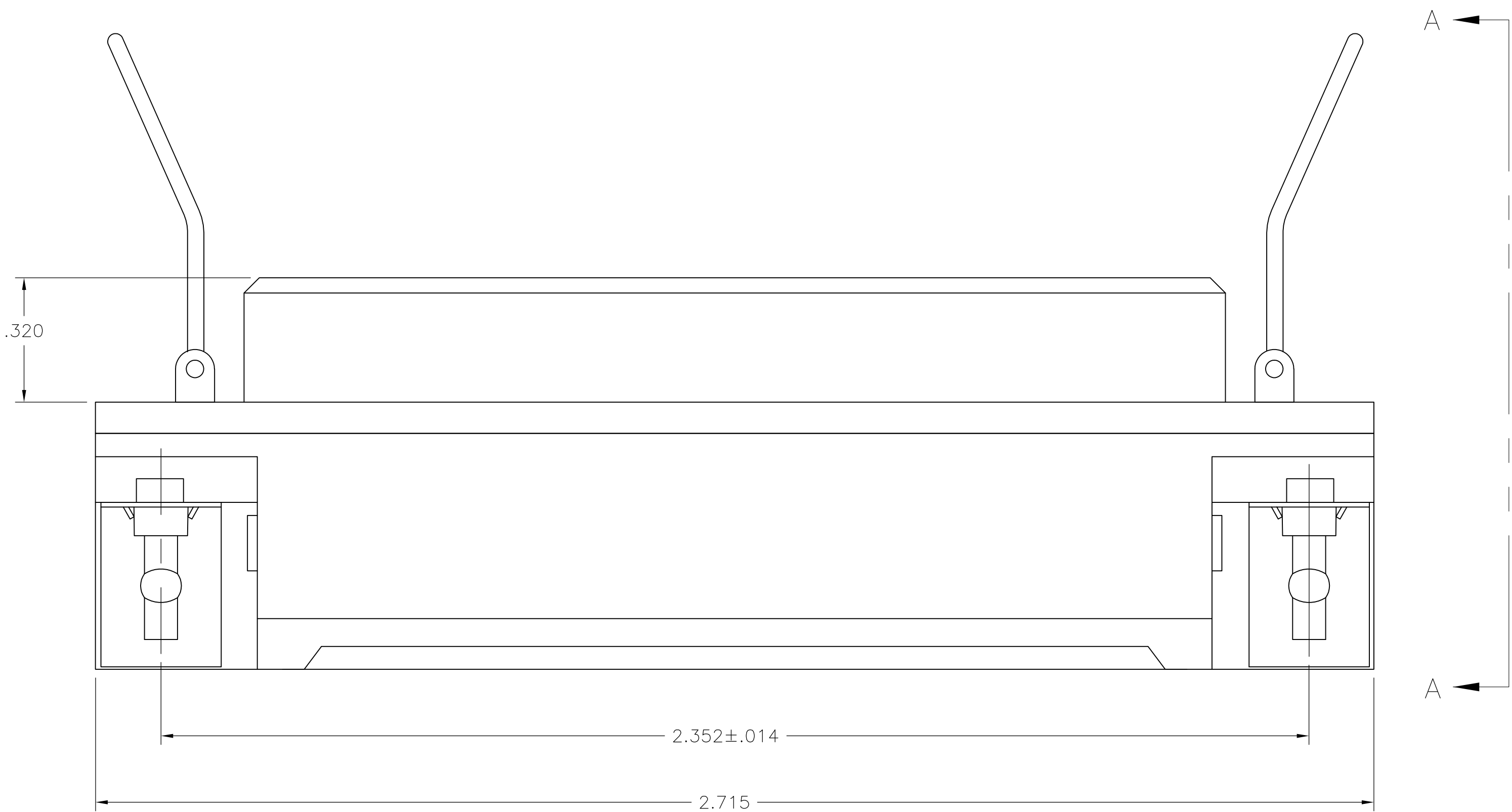


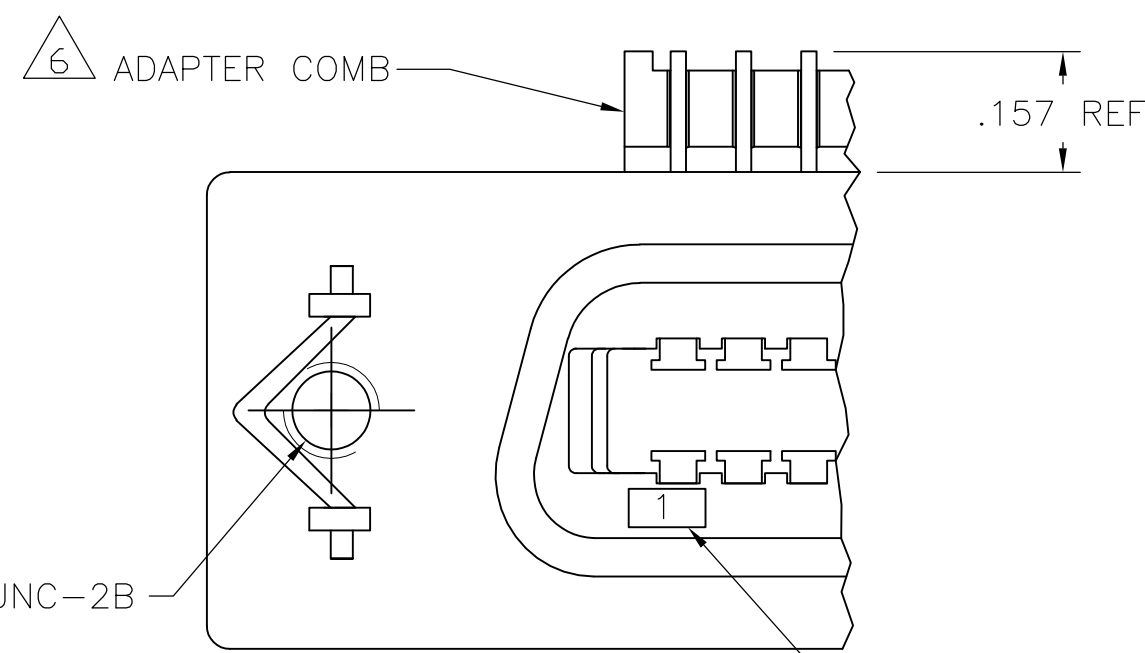
| LOC | DIST | REVISIONS |     |                           |         |            |
|-----|------|-----------|-----|---------------------------|---------|------------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | DWN   APVD |
| GP  | 00   | B         |     | REVISED PER ECO-08-007327 | 09APR08 | BM   WM    |



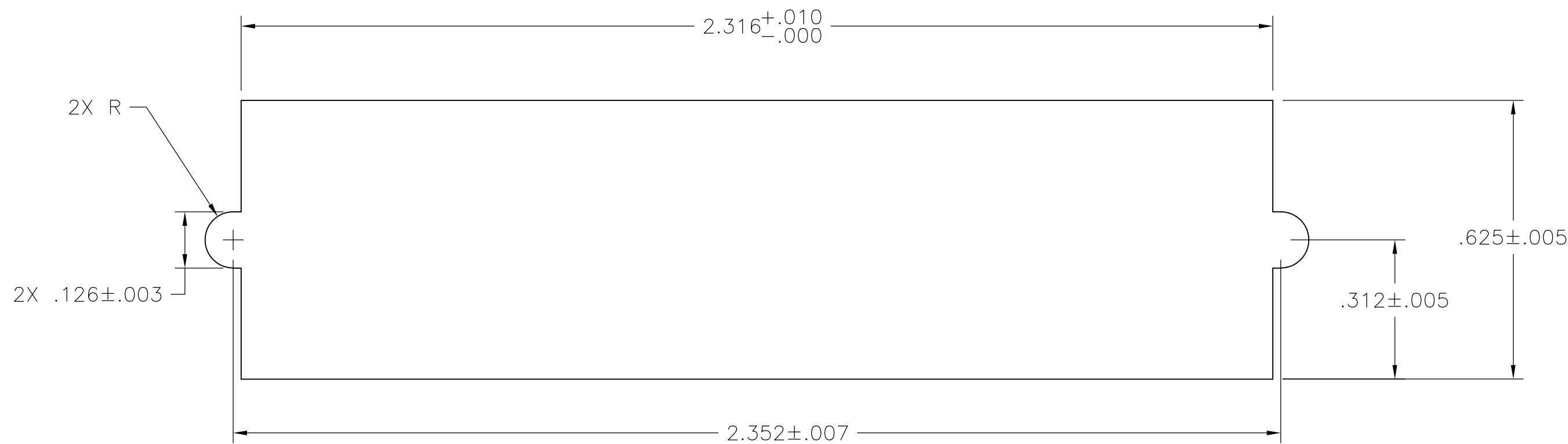
SUGGESTED PRINTED CIRCUIT BOARD  
MOUNTING DIMENSIONS



TOP VIEW

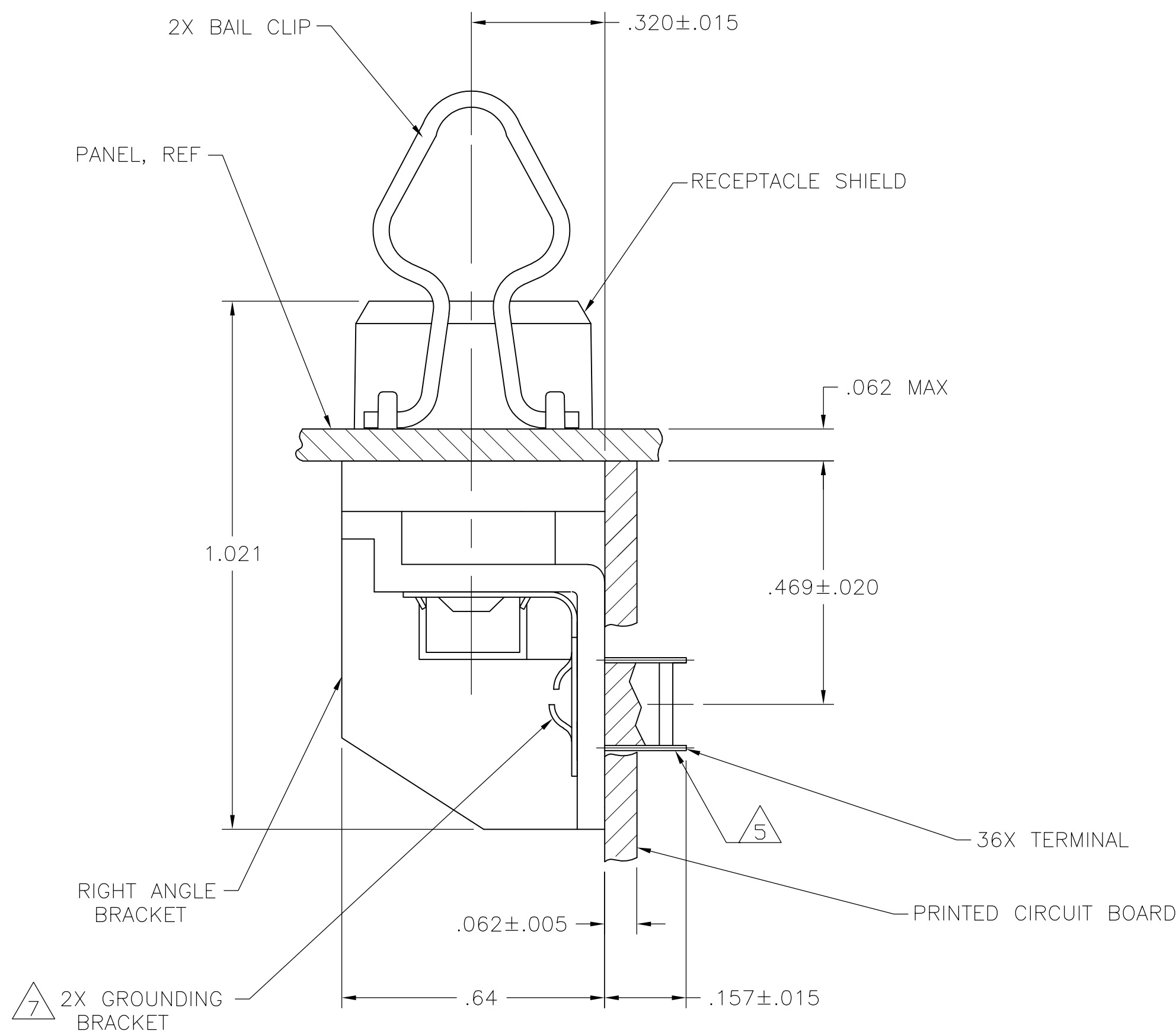


DETAIL A  
(FRONT VIEW)  
STANDARD ORIENTATION



SUGGESTED REAR PANEL MOUNTING  
CUTOUT DIMENSIONS

- 1 MATERIAL:  
HOUSING, RIGHT ANGLE BRACKET, ADAPTER COMB & TERMINAL SUPPORT PLATE – THERMOPLASTIC, BLACK.  
RECEPTACLE SHIELD – BRIGHT NICKEL OVER COPPER PLATED DIE CASTING.  
TERMINALS – HIGH STRENGTH COPPER ALLOY PLATED WITH EITHER .000030 MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, .000030 MIN TOTAL ON MATING SURFACE. .000120 MIN TIN PLATE ON TAILS. ALL OVER .000050 MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.  
GROUND BRACKET – TIN PLATED CARBON STEEL.  
BAIL CLIPS – PASSIVATED STAINLESS STEEL.
2. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
3. CENTER TO CENTER SPACING OF TERMINALS IS .085 NOMINAL.
- 4 ALL DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
- 5 TERMINAL 1 IS LOCATED IN THIS ROW FOR STANDARD ORIENTAION, SEE DETAIL A.
- 6 IF TERMINALS DO NOT EXTEND BELOW COMB, THEN COMB SHALL BE PARTIALLY RETRACTED, BEFORE INSERTING CONNECTOR INTO THE PC BOARD.
- 7 ACCEPTS 4-40 SCREW-STAINLESS STEEL RECOMMENDED FOR CONTACT WITH SOLDER BATH.



SIDE VIEW A-A

|                                           |  |                      |         |                                                                                                                             |  |
|-------------------------------------------|--|----------------------|---------|-----------------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.    |  | DWN<br>B. MCMASTER   | 24AUG05 | Tyco Electronics Corporation<br>Tyco Electronics Corporation<br>Harriaburg, PA 17105-3608                                   |  |
| DIMENSIONS:<br>INCHES                     |  | CHK<br>W. MILLHIMES  | 24AUG05 | NAME<br>RECEPTACLE ASSEMBLY, SHIELDED, 36 POSITION,<br>RIGHT ANGLE, W/ GROUND BRACKET &<br>BAIL LOCK, FLUSH MOUNTING, CHAMP |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | APVD<br>W. MILLHIMES | 24AUG05 | SIZE<br>A1                                                                                                                  |  |
| 0 PLC ± .005                              |  | PRODUCT SPEC         |         | CAGE CODE DRAWING NO                                                                                                        |  |
| 1 PLC ± .005                              |  | APPLICATION SPEC     |         | WEIGHT                                                                                                                      |  |
| 2 PLC ± .005                              |  | MATERIAL             |         | CUSTOMER DRAWING                                                                                                            |  |
| 3 PLC ± .005                              |  | FINISH               |         | SCALE 4:1                                                                                                                   |  |
| 4 PLC ± .005                              |  | WEIGHT               |         | SHEET 1 of 1                                                                                                                |  |
| ANGLES ± .005                             |  | REV B                |         |                                                                                                                             |  |