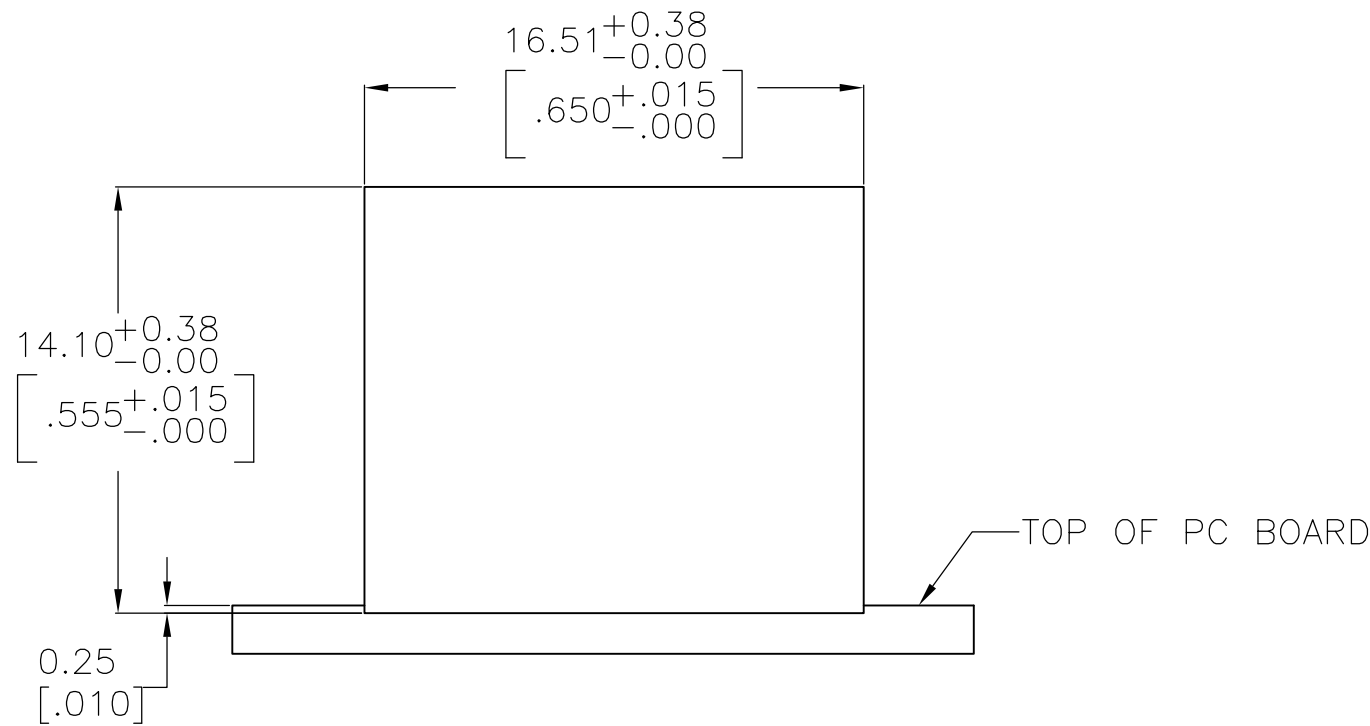
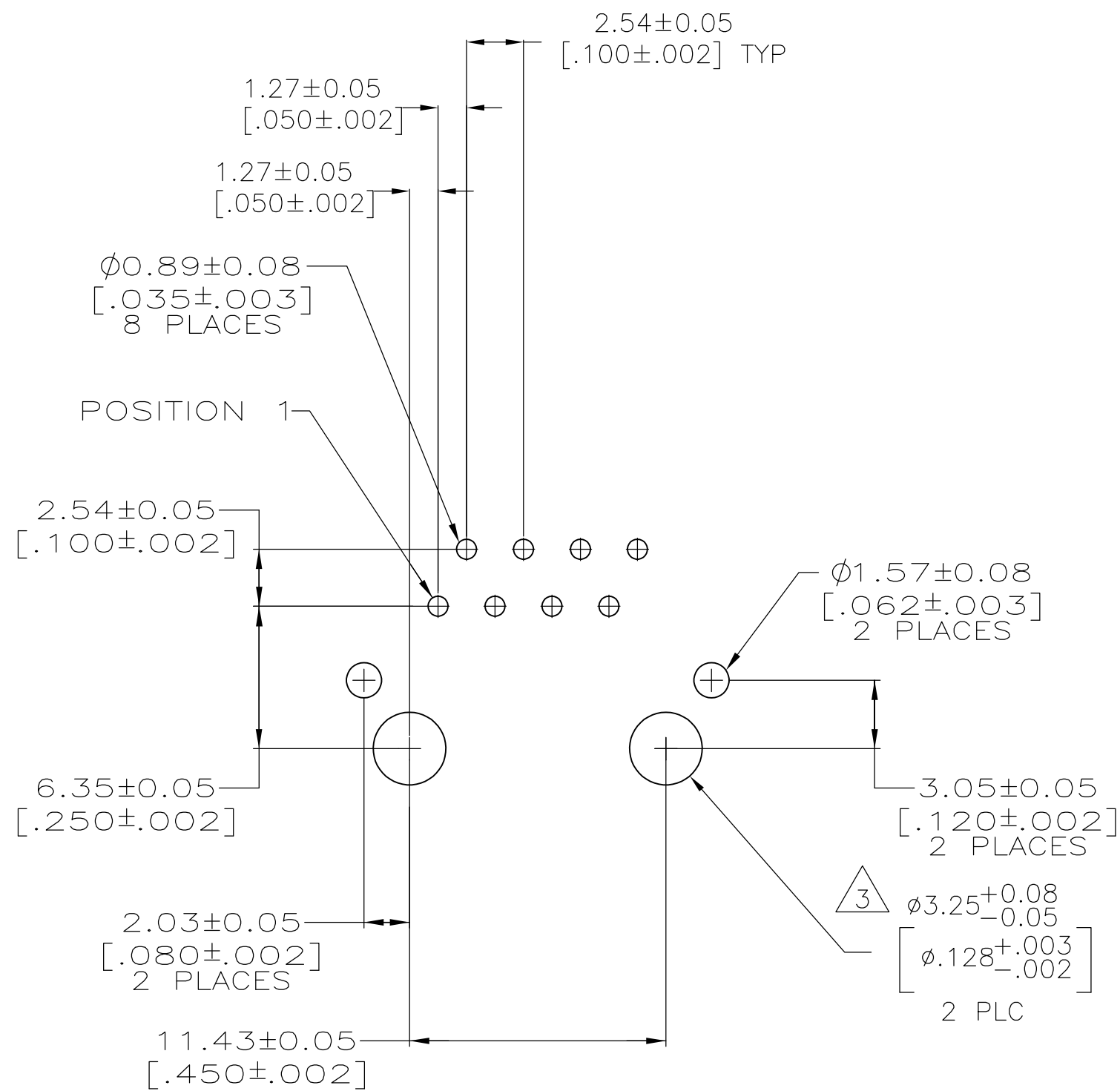
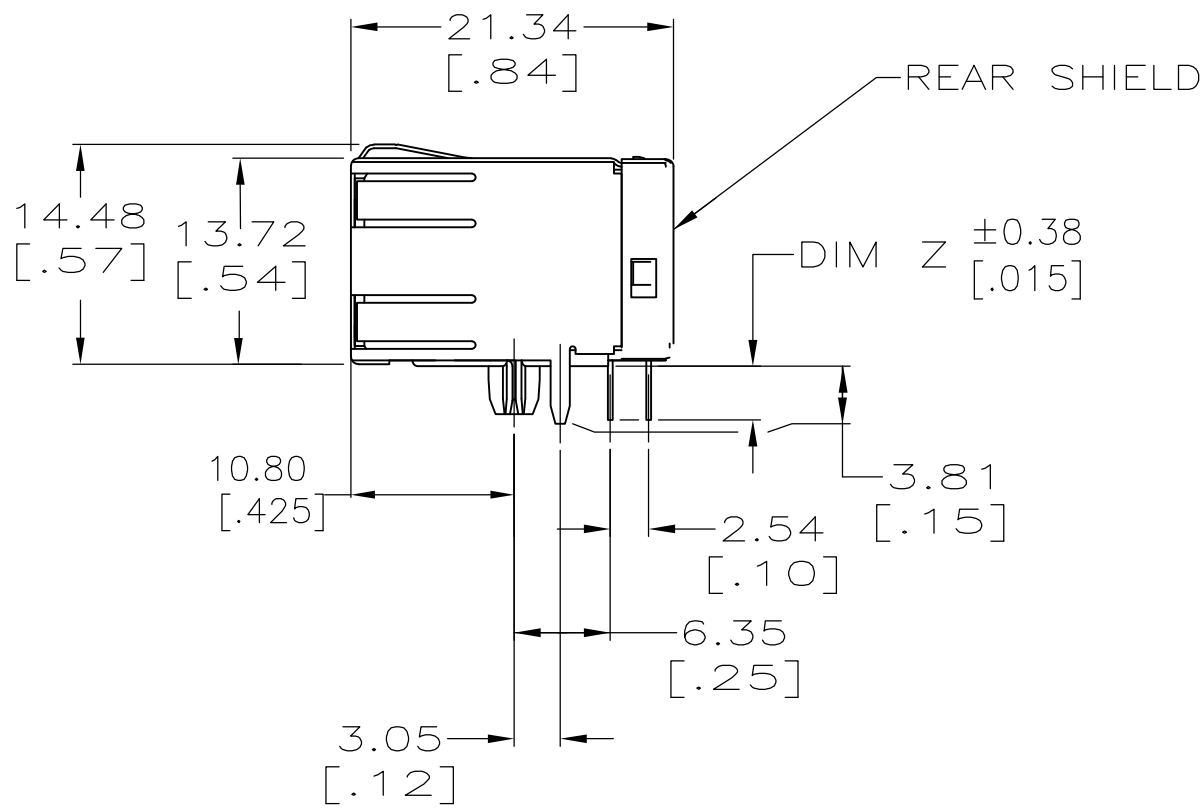
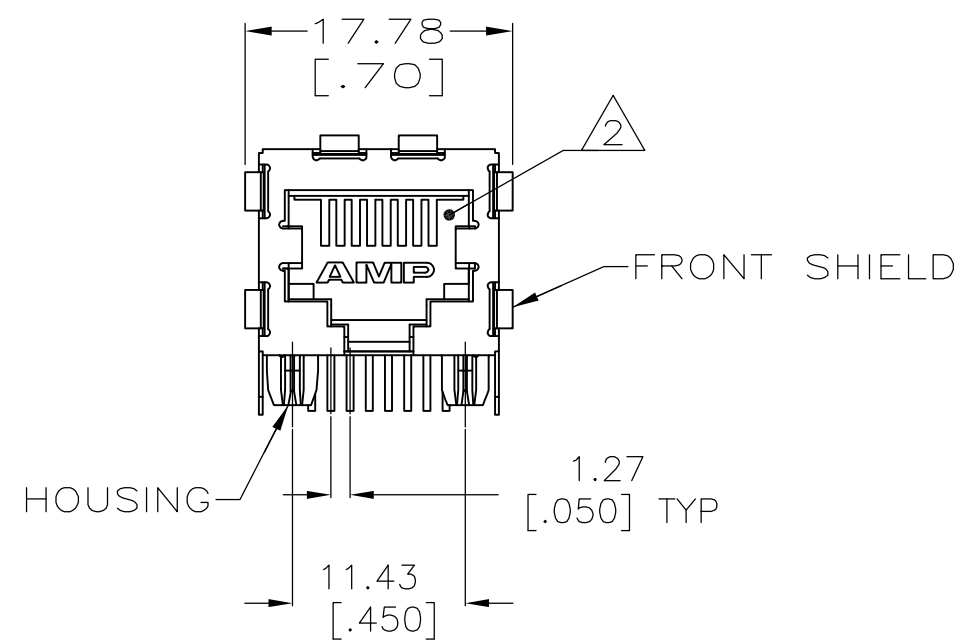


| LOC | DIST | REVISIONS |     |                       |           |     |      |
|-----|------|-----------|-----|-----------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION           | DATE      | DWN | APVD |
| AA  | 00   |           | D   | REV PER ECO-14-017372 | 20OCT2014 | LL  | SH   |

- 1 MATERIAL: HOUSING – NYLON, COLOR: BLACK, UL 94V-0.  
OVERMOLDED TERMINAL ARRAY – PBT, COLOR: BROWN.  
TERMINALS – 0.33 [.013] THICK PHOS BRONZE  
PLATED WITH 1.27  $\mu\text{m}$  [.000050] MINIMUM THICK  
HARD GOLD IN LOCALIZED AREA AND 3.81  $\mu\text{m}$  [.000150] MINIMUM THICK MATTE TIN IN SOLDER  
AREA OVER 1.27  $\mu\text{m}$  [.000050] MINIMUM THICK  
NICKEL UNDERPLATE.  
SHIELDS – 0.25 [.010] THICK COPPER ALLOY  
PLATED WITH 1.27  $\mu\text{m}$  [.000050] MINIMUM NICKEL  
AND 2.03  $\mu\text{m}$  [.000080] MINIMUM HOT TIN DIP  
ON PCB GROUND TABS.
- 2 JACK CAVITY CONFORMS TO FCC RULES AND  
REGULATIONS, PART 68 SUBPART F.
- 3 USE #30 DRILL BIT OR 3.25mm DRILL BIT WHEN  
PRODUCING THESE PCB HOLES.
4. DIELECTRIC WITHSTANDING VOLTAGE BETWEEN  
SHIELD AND TERMINAL IS 1500 VAC
- 5 PACKAGE: TAPE & REEL.



RECOMMENDED PANEL CUTOUT  
SCALE 4:1

RECOMMENDED PC BOARD LAYOUT  
COMPONENT SIDE  
SCALE 4:1

|            |             |
|------------|-------------|
| 3.56[.140] | 5 5406299-2 |
| 3.05[.120] | 1-5406299-1 |
| 3.56[.140] | 5406299-1   |
| DIM. Z     | PART NUMBER |

|                                                                                       |                                                                                              |                                           |                                                                                                                   |              |                 |          |                              |  |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------|-----------------|----------|------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                                              | DWN<br>T. SPRINKLE/L.A.MAYER<br>20APR2005 |  TE Connectivity             |              |                 |          |                              |  |
| DIMENSIONS:<br>mm                                                                     |                                                                                              | CHK<br>J.WESTMAN<br>20APR2005             |                                                                                                                   |              |                 |          |                              |  |
|  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                       |                                           | NAME<br><br>MODULAR JACK ASSEMBLY,<br>SINGLE PORT, 8 POSITION, SHIELDED,<br>REVERSE PANEL GROUND TABS, CATEGORY 5 |              | RESTRICTED TO   |          |                              |  |
|                                                                                       | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.25[.01]<br>3 PLC ± 0.13[.005]<br>4 PLC ± -<br>ANGLES ± - |                                           |                                                                                                                   |              |                 |          | PRODUCT SPEC<br>108-1163-2   |  |
|                                                                                       | MATERIAL<br>SEE NOTE 1                                                                       |                                           |                                                                                                                   |              |                 |          | APPLICATION SPEC<br>114-2048 |  |
| FINISH<br>SEE NOTE 1                                                                  |                                                                                              | WEIGHT<br>-                               | A2                                                                                                                | 00779        | C-5406299       | -        |                              |  |
| CUSTOMER DRAWING                                                                      |                                                                                              |                                           |                                                                                                                   | SCALE<br>2:1 | SHEET<br>1 of 1 | REV<br>D |                              |  |