

| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
| CM  | 00   |           | D   | REVISED PER ECO-07-003723 | 22FEB07 | KW  | DB   |
|     |      |           | D1  | REVISED PER ECO-09-021510 | 14SEP09 | KK  | AEG  |

1 MATERIAL: CONNECTOR-NYLON UL94V-2 (WHITE).  
CONTACTS-0.30 [.012] THICK COPPER ALLOY  
BRIGHT TIN-LEAD 0.00203 [.000080] MINIMUM THICK FOR CONTACTS  
644795-2 THRU 644795-3,  
MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MINIMUM THICK OVER  
NICKEL UNDERPLATE FOR CONTACTS 3-644795-2 THRU 3-644795-3.

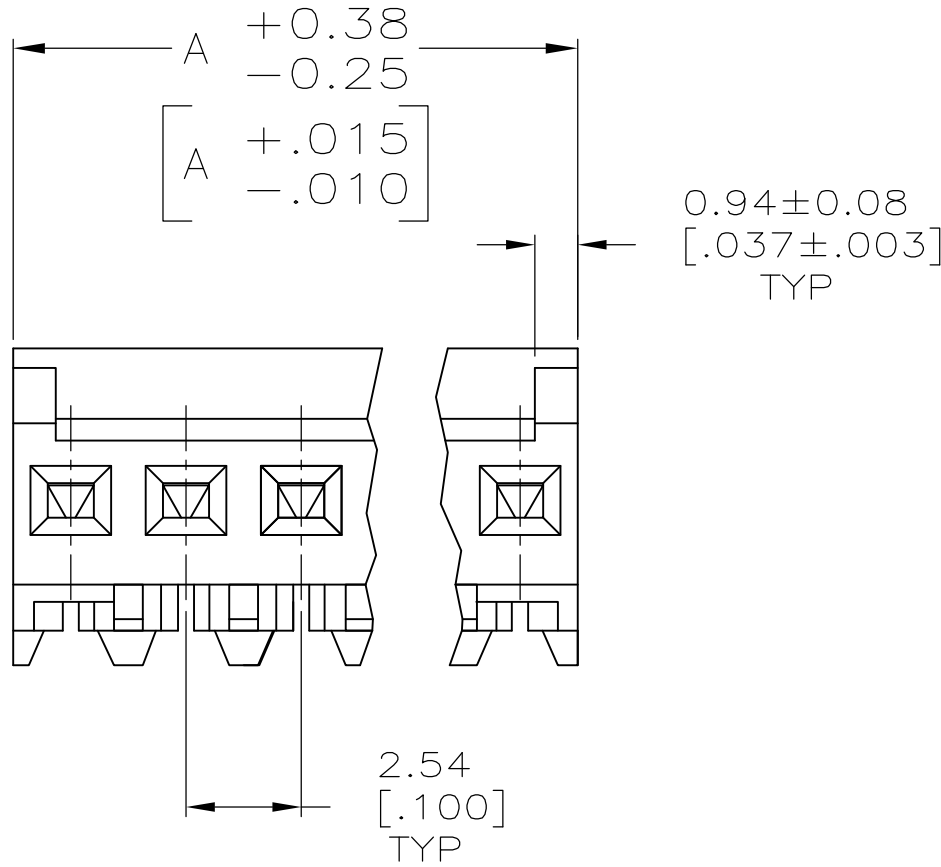
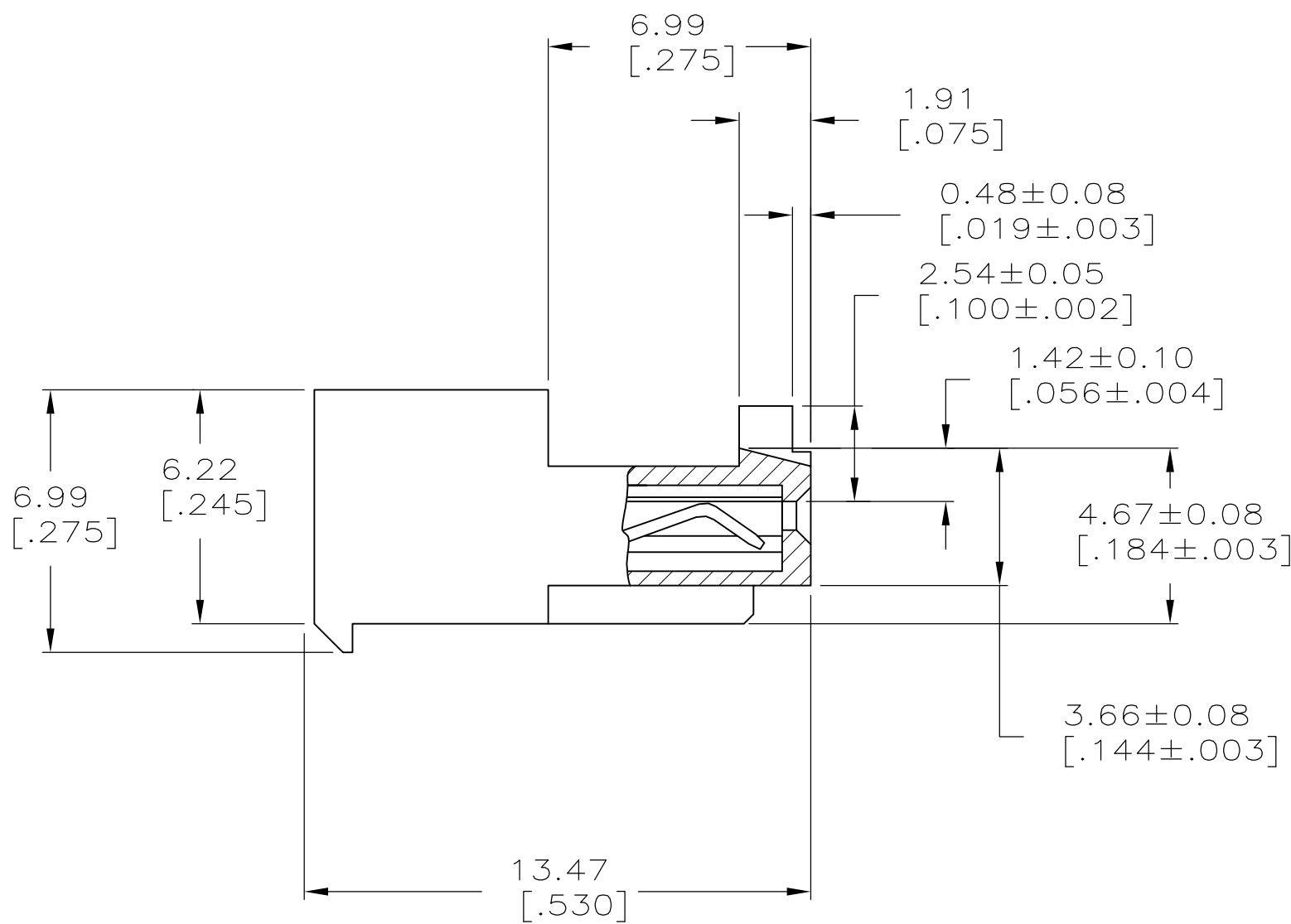
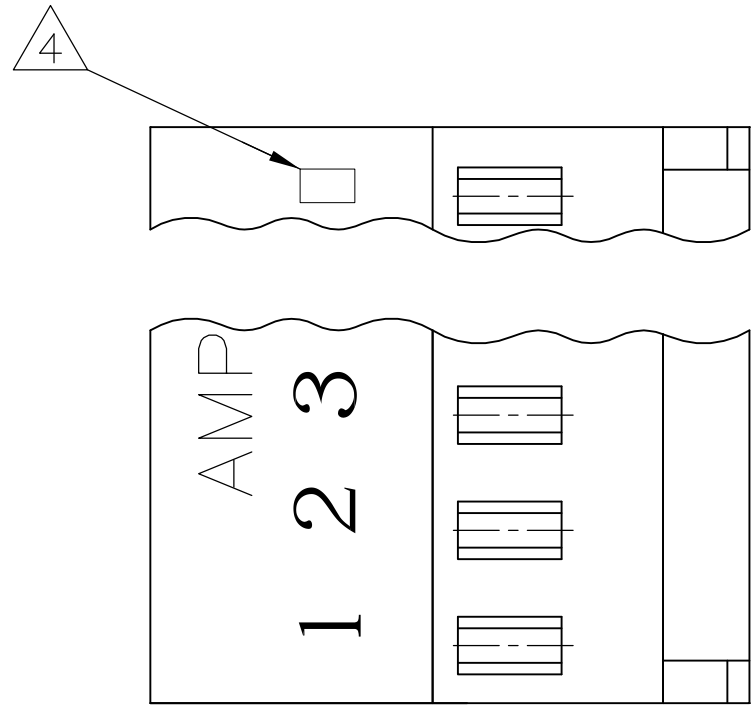
2. CONTACTS ACCEPT 24 AWG WIRE WITH 1.52 [.060] MAXIMUM INSULATION DIAMETER.
3. CONTACTS MUST ACCEPT 0.36-0.51 [.014-.020] SQUARE OR ROUND POST AND  
REMAINED LOCKED IN POSITION.

4 IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.

5. DIMENSIONS IN BRACKETS ARE IN INCHES.

6. HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP, POLARIZING TAB  
AND WITH LED CONTACT.

7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



|             |               |            |              |
|-------------|---------------|------------|--------------|
|             |               |            | LEAD<br>FREE |
|             |               |            |              |
|             |               |            |              |
| 7.62 [.300] | 3             | 3-644795-3 |              |
| 5.08 [.200] | 2             | 3-644795-2 |              |
| DIM A       | NO.OF<br>POSN | ASSEMBLY   |              |

|             |               |          |                  |
|-------------|---------------|----------|------------------|
|             |               |          | CONTAINS<br>LEAD |
|             |               |          |                  |
|             |               |          |                  |
| 7.62 [.300] | 3             | 644795-3 |                  |
| 5.08 [.200] | 2             | 644795-2 |                  |
| DIM A       | NO.OF<br>POSN | ASSEMBLY |                  |

7 SUPERSEDED



|                                        |  |                  |             |                                                                       |  |
|----------------------------------------|--|------------------|-------------|-----------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>S. HOOVER | 10-DEC-2004 | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608             |  |
|                                        |  | CHK<br>D. BOSSI  | 10-DEC-2004 |                                                                       |  |
| DIMENSIONS:<br>mm [INCHES]             |  | APVD<br>D. BOSSI |             | NAME                                                                  |  |
|                                        |  | PRODUCT SPEC     |             | MTA-100 CONNECTOR ASSEMBLY,<br>24 AWG, FOR .014 TO .020 POST, SPECIAL |  |
|                                        |  | 108-1050         |             |                                                                       |  |
|                                        |  | APPLICATION SPEC |             |                                                                       |  |
|                                        |  | 114-1019         |             |                                                                       |  |
| MATERIAL                               |  | WEIGHT           |             | RESTRICTED TO                                                         |  |
| 1                                      |  | A1               |             | 00779C=644795                                                         |  |
|                                        |  | CUSTOMER DRAWING |             | SCALE 6:1 SHEET 1 OF 1 REV D1                                         |  |