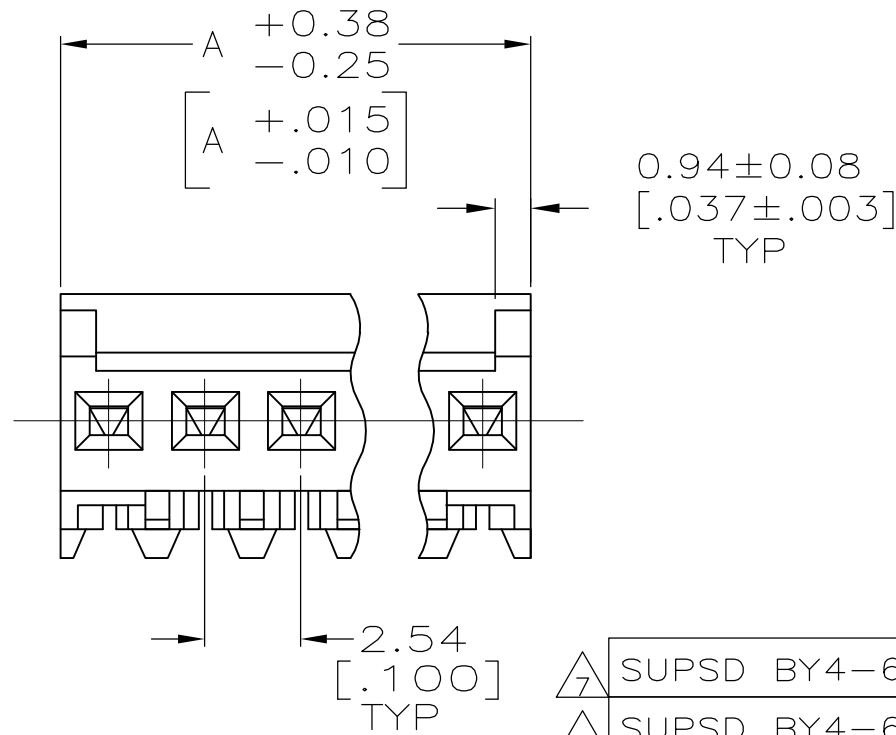
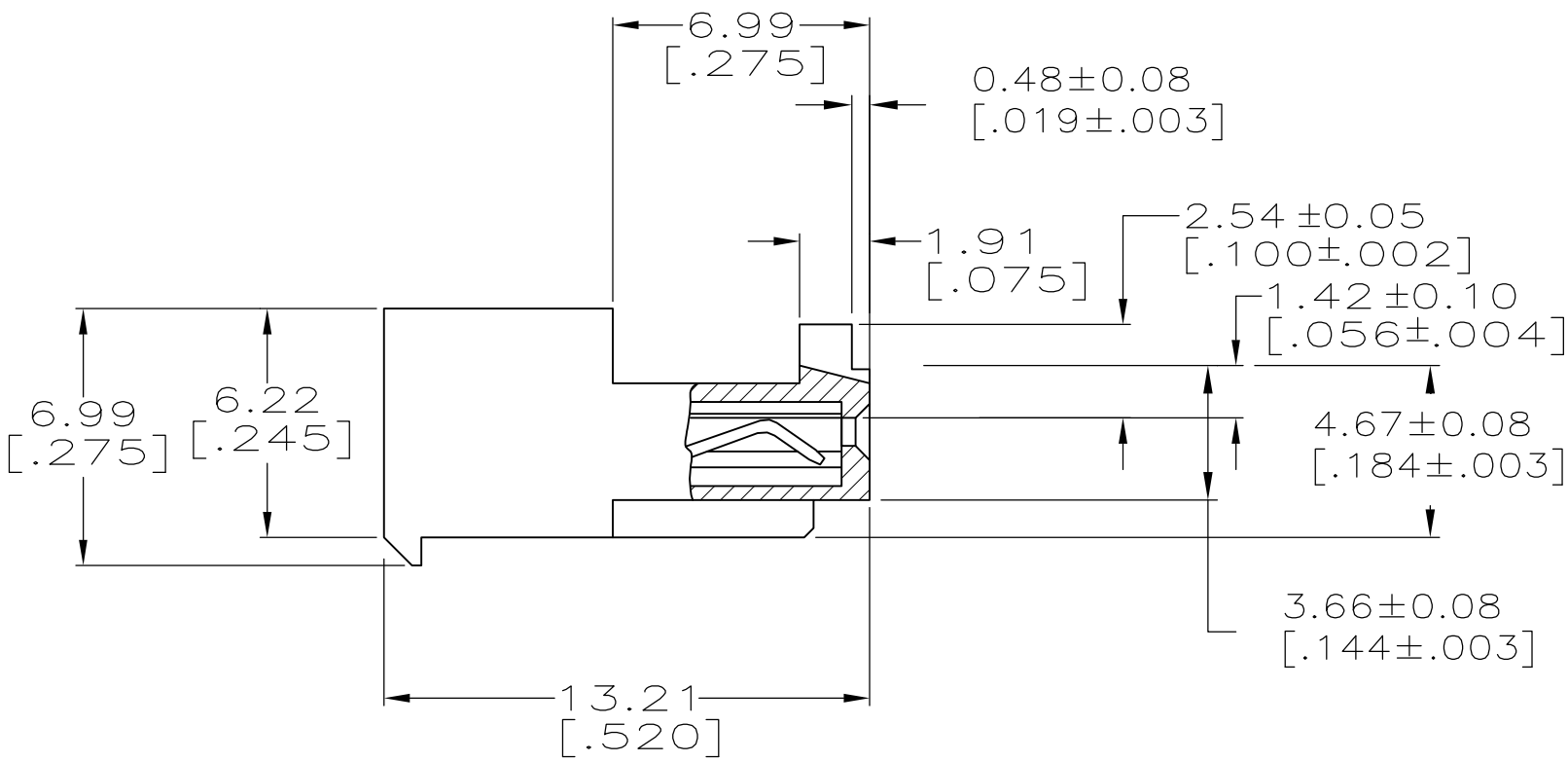
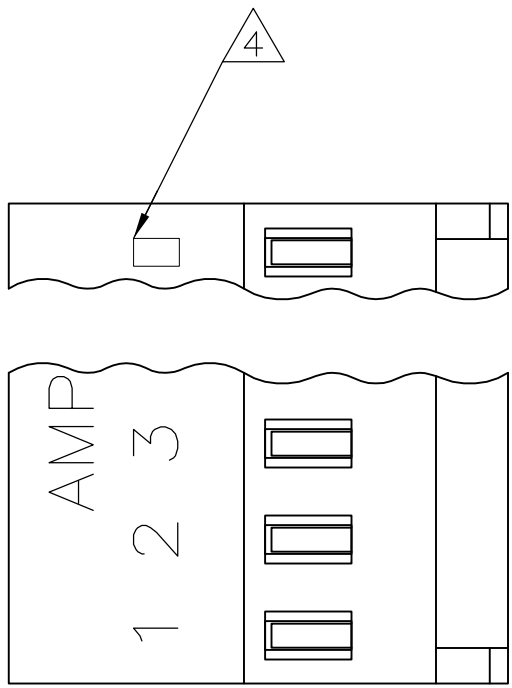


| LOC | DIST | REVISIONS |     |                           |  |         |      |
|-----|------|-----------|-----|---------------------------|--|---------|------|
|     |      | P         | LTR | DESCRIPTION               |  | DATE    | APVD |
| CM  | 00   |           | H2  | REVISED PER ECO-11-004820 |  | 11MAR11 | HMR  |



- ① MATERIAL: CONNECTOR-NYLON UL94V-0 (BLACK)  
CONTACTS-0.30 [.012] THICK COPPER ALLOY  
BRIGHT TIN-LEAD 0.00203 [.000080] MIN THICK FOR CONTACTS  
644083-2 THRU 1-644083-5  
MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MIN THICK  
OVER 0.00076 [.000030] MIN THICK NICKEL FOR CONTACTS  
3-644083-2 THRU 4-644083-5

2. CONTACTS ACCEPT 22 AWG WIRE WITH 1.52 [.060] MAX INSULATION DIAMETER.

3. CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN 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 AND WITH POLARIZING TAB.

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

|      |       |         |    |            |
|------|-------|---------|----|------------|
| LEAD | 38.10 | [1.500] | 15 | 4-644083-5 |
|      | 35.56 | [1.400] | 14 | 4-644083-4 |
|      | 33.02 | [1.300] | 13 | 4-644083-3 |
|      | 30.48 | [1.200] | 12 | 4-644083-2 |
|      | 27.94 | [1.100] | 11 | 4-644083-1 |
|      | 25.40 | [1.000] | 10 | 4-644083-0 |
|      | 22.86 | [.900]  | 9  | 3-644083-9 |
|      | 20.32 | [.800]  | 8  | 3-644083-8 |
|      | 17.78 | [.700]  | 7  | 3-644083-7 |
|      | 15.24 | [.600]  | 6  | 3-644083-6 |
|      | 12.70 | [.500]  | 5  | 3-644083-5 |
|      | 10.16 | [.400]  | 4  | 3-644083-4 |
|      | 7.62  | [.300]  | 3  | 3-644083-3 |

|                      |       |         |    |            |
|----------------------|-------|---------|----|------------|
| △ SUPSD BY4-644083-5 | 38.10 | [1.500] | 15 | 4-644083-5 |
| △ SUPSD BY4-644083-4 | 35.56 | [1.400] | 14 | 4-644083-4 |
|                      | 33.02 | [1.300] | 13 | 1-644083-3 |
| △ SUPSD BY4-644083-2 | 30.48 | [1.200] | 12 | 4-644083-2 |
|                      | 27.94 | [1.100] | 11 | 1-644083-1 |
|                      | 25.40 | [1.000] | 10 | 1-644083-0 |
|                      | 22.86 | [.900]  | 9  | 644083-9   |
|                      | 20.32 | [.800]  | 8  | 644083-8   |
|                      | 17.78 | [.700]  | 7  | 644083-7   |
|                      | 15.24 | [.600]  | 6  | 644083-6   |
|                      | 12.70 | [.500]  | 5  | 644083-5   |
|                      | 10.16 | [.400]  | 4  | 644083-4   |
|                      | 7.62  | [.300]  | 3  | 644083-3   |
| △ SUPSD BY3-644083-9 | 5.08  | [.200]  | 2  | 644083-2   |
|                      |       |         |    |            |
| △ SUPSD BY3-644083-7 |       |         |    |            |

|       |            |          |
|-------|------------|----------|
| DIM A | NO.OF POSN | ASSEMBLY |
|-------|------------|----------|

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm [INCHES]

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±  
2 PLC ±  
3 PLC ± 0.13 [.005]  
4 PLC ±  
ANGLES ±  
FINISH

①

DWN  
S. CARPENTER  
CHK  
D. BOSSI  
APVD  
D. BOSSI  
PRODUCT SPEC  
108-1050  
APPLICATION SPEC  
114-1019  
WEIGHT

12JUN2003  
12JUN2003  
12JUN2003

CUSTOMER DRAWING

TE Connectivity

NAME  
MTA 100 CONNECTOR ASSEMBLY,  
22 AWG, UL94V-0,  
SPECIAL

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C-644083

RESTRICTED TO  
-

SCALE  
5:1

SHEET  
1 OF 1

REV  
H2

METRIC

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[3-644083-5](#)