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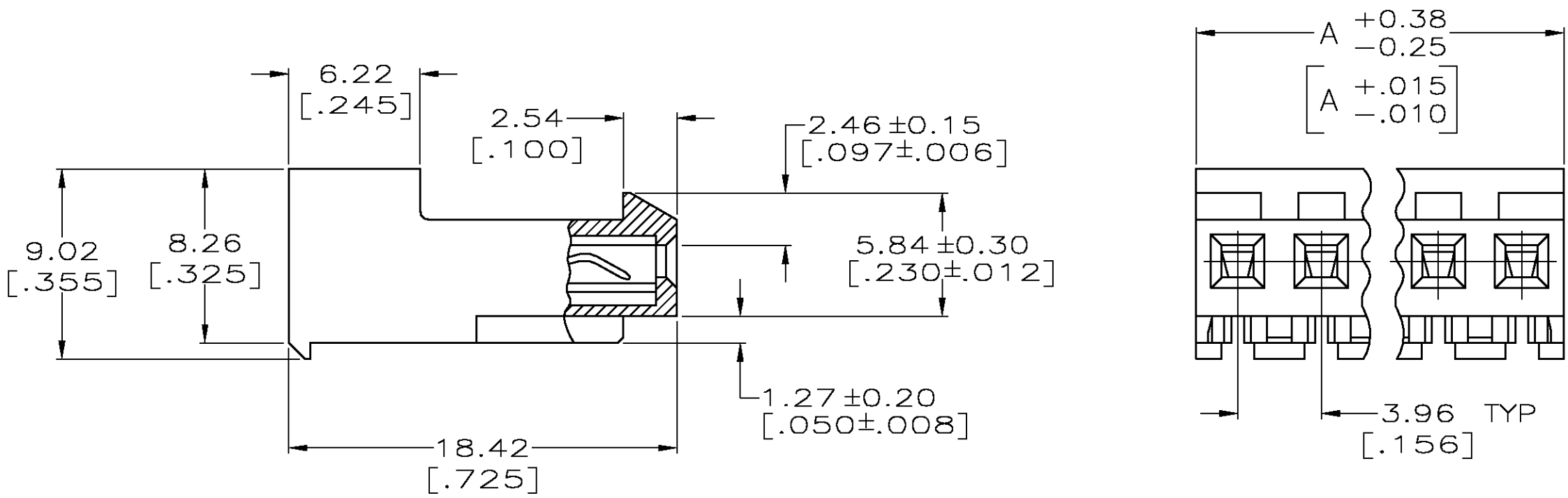
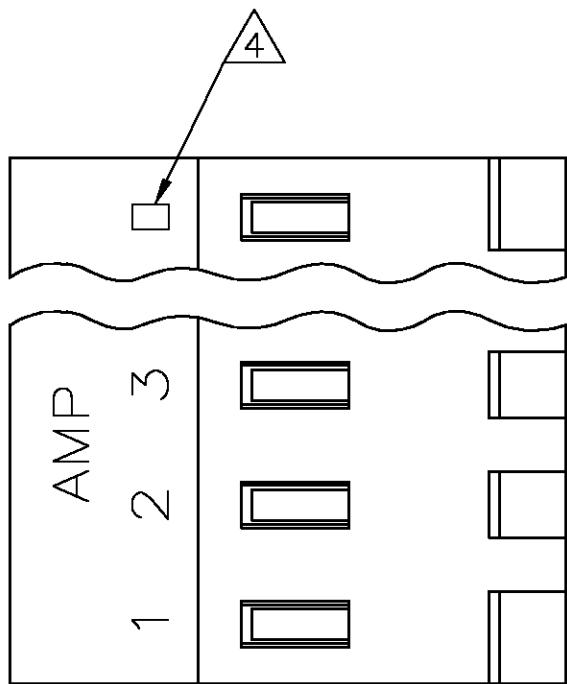
| LOC | DIST | REVISIONS |     |                          |         |     |
|-----|------|-----------|-----|--------------------------|---------|-----|
|     |      | P         | LTR | DESCRIPTION              | DATE    | DWN |
| CM  | 00   |           | P   | REV PER ECN 0G3B-0349-03 | 07JUL03 | SC  |

D

C

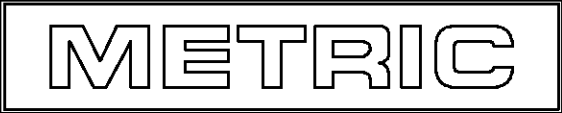
B

A



- 1 MATERIAL: CONNECTOR - NYLON UL94-V2 (YELLOW)  
CONTACTS - 0.30[.012] THICK COPPER ALLOY  
(BRIGHT TIN-LEAD 0.00203[.000080] MIN. THICK  
FOR CONTACTS 640427-2 THRU 2-640427-4).  
(BRIGHT TIN PLATE 0.00305[.000120] MIN. THICK  
FOR CONTACTS 3-640427-2 THRU 5-640427-4).
2. CONTACTS ACCEPT 20 AWG WIRE WITH 2.41[.095] MAX  
INSULATION DIAMETER.
3. CONTACTS MUST ACCEPT 1.14±0.03[.045]  
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.

|          |              |                 |            |
|----------|--------------|-----------------|------------|
| YES      | 95.10[3.744] | 24              | 5-640427-4 |
| YES      | 91.13[3.588] | 23              | 5-640427-3 |
| YES      | 87.17[3.432] | 22              | 5-640427-2 |
| YES      | 83.21[3.276] | 21              | 5-640427-1 |
| YES      | 79.25[3.120] | 20              | 5-640427-0 |
| YES      | 75.29[2.964] | 19              | 4-640427-9 |
| YES      | 71.32[2.808] | 18              | 4-640427-8 |
| YES      | 67.36[2.652] | 17              | 4-640427-7 |
| YES      | 63.40[2.496] | 16              | 4-640427-6 |
| YES      | 59.44[2.340] | 15              | 4-640427-5 |
| YES      | 55.47[2.184] | 14              | 4-640427-4 |
| YES      | 51.51[2.028] | 13              | 4-640427-3 |
| YES      | 47.55[1.872] | 12              | 4-640427-2 |
| YES      | 43.59[1.716] | 11              | 4-640427-1 |
| YES      | 39.62[1.560] | 10              | 4-640427-0 |
| YES      | 35.66[1.404] | 9               | 3-640427-9 |
| YES      | 31.70[1.248] | 8               | 3-640427-8 |
| YES      | 27.74[1.092] | 7               | 3-640427-7 |
| YES      | 23.77[.936]  | 6               | 3-640427-6 |
| YES      | 19.81[.780]  | 5               | 3-640427-5 |
| YES      | 15.85[.624]  | 4               | 3-640427-4 |
| YES      | 11.89[.468]  | 3               | 3-640427-3 |
| YES      | 7.92[.312]   | 2               | 3-640427-2 |
| NO       | 95.10[3.744] | 24              | 2-640427-4 |
| NO       | 91.13[3.588] | 23              | 2-640427-3 |
| NO       | 87.17[3.432] | 22              | 2-640427-2 |
| NO       | 83.21[3.276] | 21              | 2-640427-1 |
| NO       | 79.25[3.120] | 20              | 2-640427-0 |
| NO       | 75.29[2.964] | 19              | 1-640427-9 |
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| NO       | 51.51[2.028] | 13              | 1-640427-3 |
| NO       | 47.55[1.872] | 12              | 1-640427-2 |
| NO       | 43.59[1.716] | 11              | 1-640427-1 |
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| NO       | 31.70[1.248] | 8               | 640427-8   |
| NO       | 27.74[1.092] | 7               | 640427-7   |
| NO       | 23.77[.936]  | 6               | 640427-6   |
| NO       | 19.81[.780]  | 5               | 640427-5   |
| NO       | 15.85[.624]  | 4               | 640427-4   |
| NO       | 11.89[.468]  | 3               | 640427-3   |
| NO       | 7.92[.312]   | 2               | 640427-2   |
| LEADFREE | DIM A        | NO. OF CIRCUITS | PART NO.   |



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL  
1

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

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

DWN  
S. CARPENTER  
07JUL2003

CHK  
D. BOSSI  
07JUL2003

APVD  
D. BOSSI  
07JUL2003

PRODUCT SPEC  
108-1051

APPLICATION SPEC  
114-1020

WEIGHT

CUSTOMER DRAWING

Tyco Electronics Corporation  
City, State, Zip

NAME  
MTA 156 CONNECTOR ASSEMBLY,  
20 AWG, STANDARD

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C=640427

RESTRICTED TO  
-

SCALE  
4:1

SHEET  
1 OF 1

REV  
P