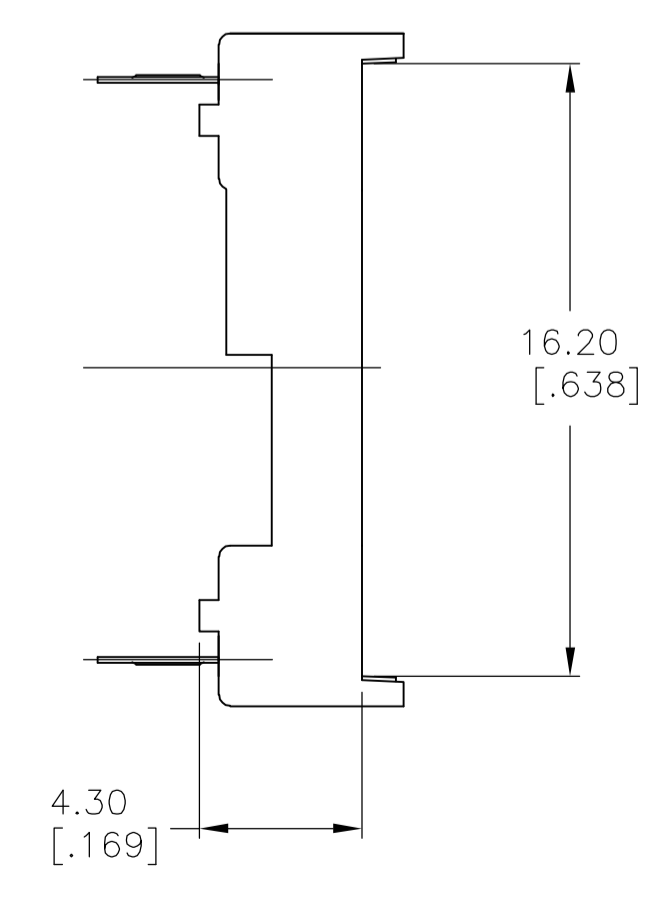
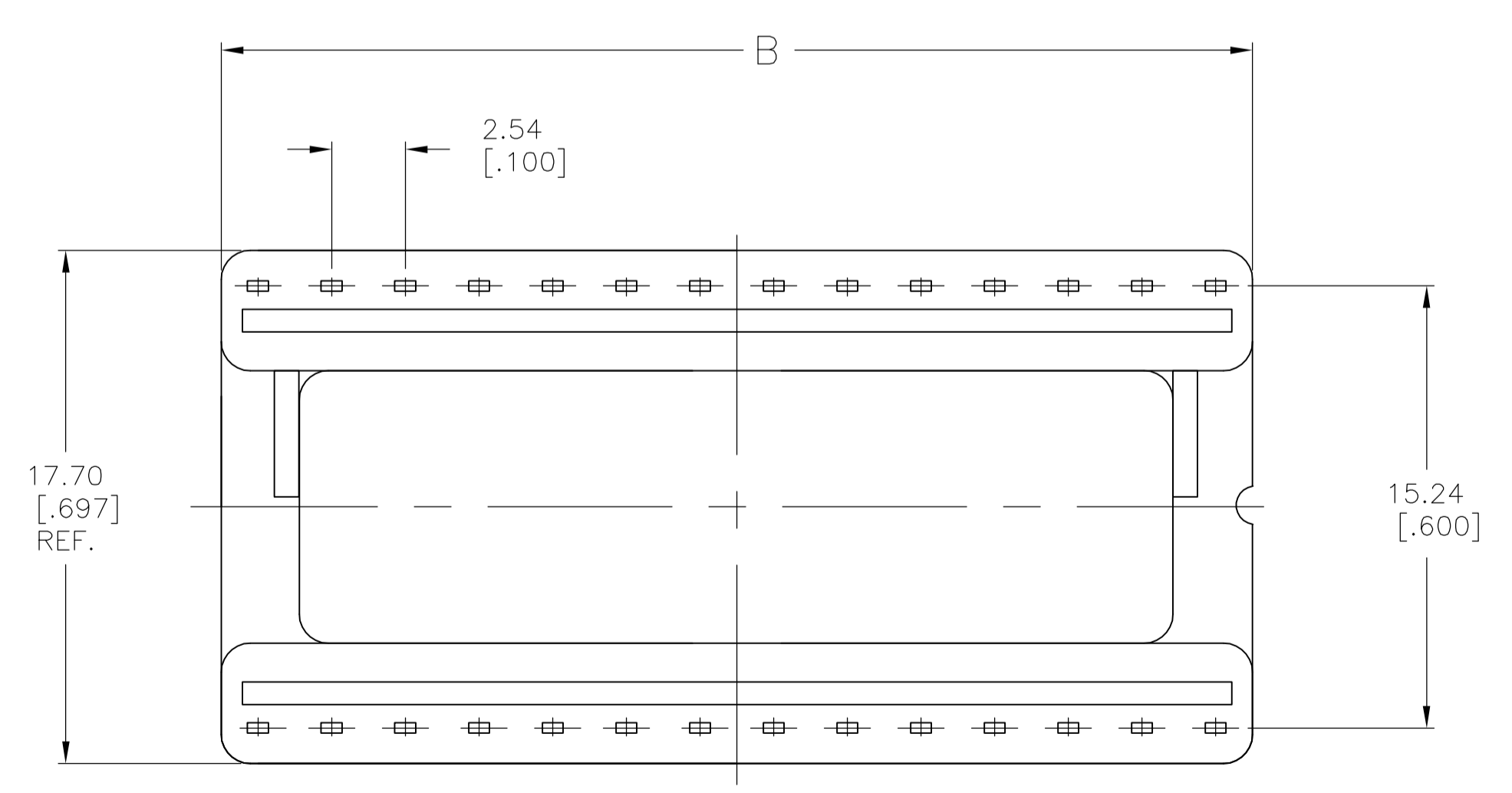
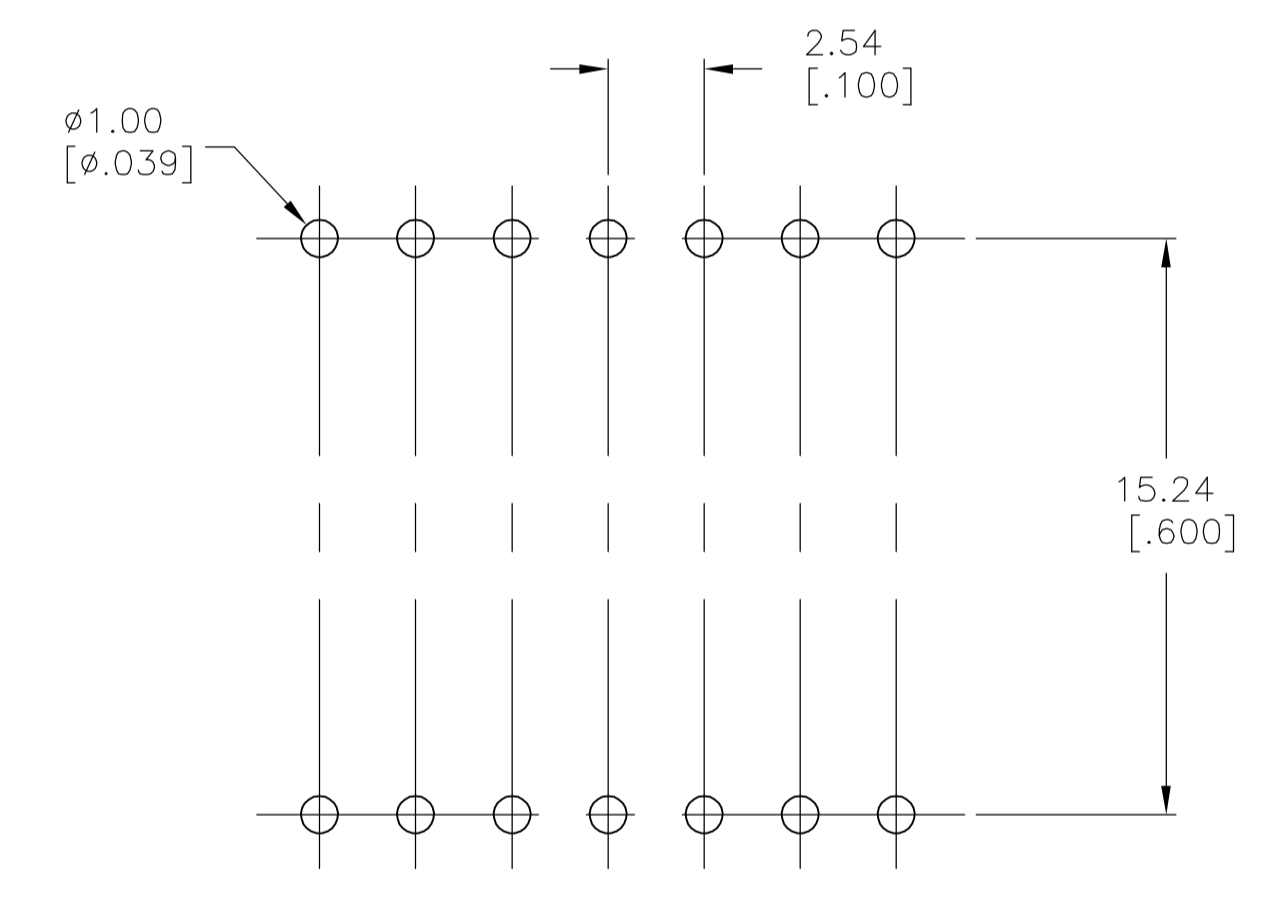
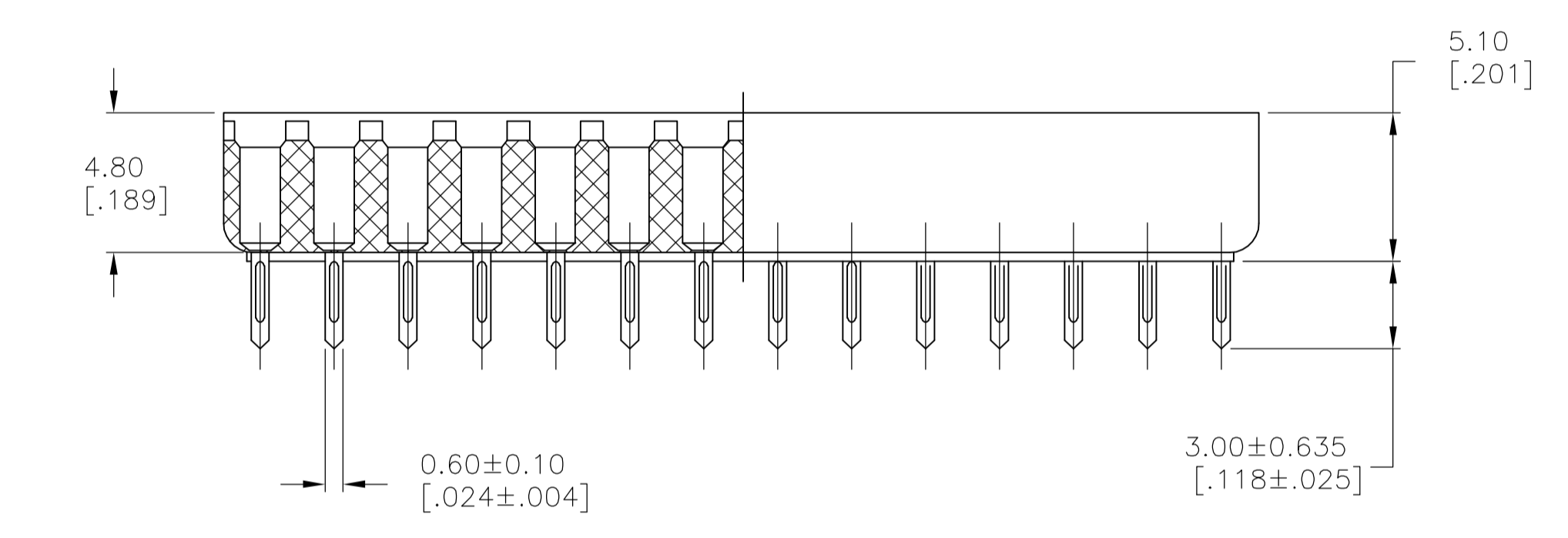


SECTION D-D



NOTE:—

- 1 MATERIAL:  
HOUSING: 30% GLASS FILLED PBT, THERMOPLASTIC, BLACK.  
CONTACT: PHOS BRONZE
- 2 FINISH: CONTACT PLATING: TIN-LEAD (60u INCHES MIN.)  
SOLDERABILITY :95% COVERAGE MIN.;  
TEST TEMPERATURE=230°C±5°C  
TEST TIME = 5±5 SECONDS.
- 3. MECHANICAL SPECS:  
DURABILITY: 50 CYCLES MIN.  
INSERTION FORCE:300 GRAMS MAX.  
WITHDRAWAL FORCE: 20 GRAMS MIN.  
CONTACT RETENTION: 500 GRAMS MIN.  
ACCEPTS: 0.20-0.30 [.008-.012] LEADS
- 4. ELECTRICAL SPECS:  
VOLTAGE RATING: 250V AC,DC  
CONTACT RESISTANCE: 20 MILLOHMS MAX.  
CURRENT RATING: 1 AMPERE AC,DC  
INSULATION RESISTANCE: 1000 MEGOHMS MIN.  
DIELECTRIC WITHSTANDING VOLTAGE: AC 1000 V MIN.
- 5. OPERATING TEMPERATURE: -40°C TO +105°C
- 6 AMP LOGO
- 7 FINISH: CONTACT PLATING TIN (LEAD FREE); 60 UIN MIN. OVER 30 UIN NI  
SOLDERABILITY :95% COVERAGE MIN.;  
TEST TEMPERATURE=260°±5°C;  
TEST TIME = 5±5 SECONDS.

|        |     |        |        |        |         |        |         |            |
|--------|-----|--------|--------|--------|---------|--------|---------|------------|
| △      | 24  | 25.10  | [.988] | 27.94  | [1.100] | 30.48  | [1.200] | 1-390263-7 |
| △      | 48  | 55.52  | [2.19] | 58.42  | [2.300] | 60.96  | [2.400] | 1-390263-6 |
| △      | 42  | 47.90  | [1.89] | 50.08  | [1.97]  | 53.34  | [2.100] | 1-390263-5 |
| △      | 40  | 45.36  | [1.79] | 48.26  | [1.900] | 50.80  | [2.000] | 1-390263-4 |
| △      | 32  | 35.20  | [1.39] | 38.10  | [1.500] | 40.64  | [1.600] | 1-390263-2 |
| △      | 28  | 30.12  | [1.19] | 33.02  | [1.300] | 35.56  | [1.400] | 1-390263-1 |
| △      | 24  | 25.10  | [.988] | 27.94  | [1.100] | 30.48  | [1.200] | 390263-7   |
| △      | 48  | 55.52  | [2.19] | 58.42  | [2.300] | 60.96  | [2.400] | 390263-6   |
| △      | 42  | 47.90  | [1.89] | 50.08  | [1.97]  | 53.34  | [2.100] | 390263-5   |
| △      | 40  | 45.36  | [1.79] | 48.26  | [1.900] | 50.80  | [2.000] | 390263-4   |
| △      | 32  | 35.20  | [1.39] | 38.10  | [1.500] | 40.64  | [1.600] | 390263-2   |
| △      | 28  | 30.12  | [1.19] | 33.02  | [1.300] | 35.56  | [1.400] | 390263-1   |
| FINISH | POS | C±0.15 | [.004] | B±0.10 | [.004]  | A±0.20 | [.008]  | PART NO.   |

|  |           |  |               |   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
|--|-----------|--|---------------|---|-------|---|---|-------|---|-----------|-------|---|---|-------|---|---|--------|---|---|---|--|------|-----------|------------|---------------|----|-------|----------|---|------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.   |           | DWN BSV                                | 07SEP2004     | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| DIMENSIONS: mm [INCHES]  |           | TOLERANCES UNLESS OTHERWISE SPECIFIED: |               | APVD K WRIGHT   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| <table border="1"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>-</td></tr> <tr><td>2 PLC</td><td>±</td><td>0.2[.008]</td></tr> <tr><td>3 PLC</td><td>±</td><td>-</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</td><td>-</td></tr> </table> |           | 0 PLC                                  | ±             | -   | 1 PLC | ± | - | 2 PLC | ± | 0.2[.008] | 3 PLC | ± | - | 4 PLC | ± | - | ANGLES | ± | - | <table border="1"> <tr><td>SIZE</td><td>CAGE CODE</td><td>DRAWING NO</td><td>RESTRICTED TO</td></tr> <tr><td>A1</td><td>00779</td><td>C=390263</td><td>-</td></tr> </table> |  | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO | A1 | 00779 | C=390263 | - | NAME |  |
| 0 PLC  | ±         | -                                      |               |   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| 1 PLC  | ±         | -                                      |               |   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| 2 PLC  | ±         | 0.2[.008]                              |               |   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| 3 PLC  | ±         | -                                      |               |   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| 4 PLC  | ±         | -                                      |               |   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| ANGLES   | ±         | -                                      |               |   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| SIZE   | CAGE CODE | DRAWING NO                             | RESTRICTED TO |   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| A1   | 00779     | C=390263                               | -             |   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| MATERIAL   |           | FINISH                                 |               | APPLICATION SPEC  |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| 1  |           | 2 7                                    |               | CUSTOMER DRAWING  |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |
| SCALE 5:1  |           | SHEET 1 of 1                           |               | REV K   |       |   |   |       |   |           |       |   |   |       |   |   |        |   |   |   |  |      |           |            |               |    |       |          |   |      |  |