

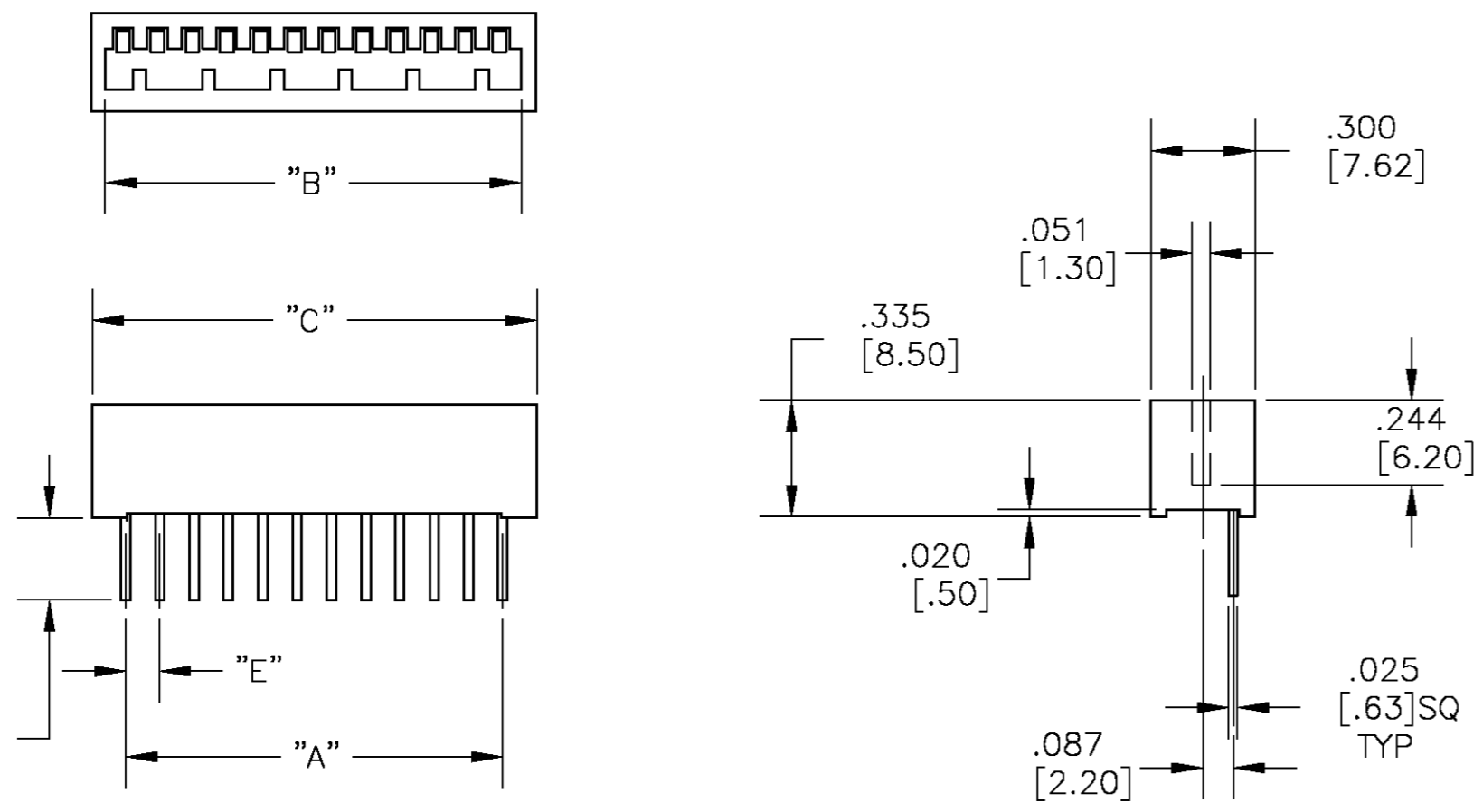
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| LOC |    | DIST |     | REVISIONS       |         |     |      |
|-----|----|------|-----|-----------------|---------|-----|------|
| AD  | 00 | P    | LTR | DESCRIPTION     | DATE    | DWN | APVD |
|     |    | 0    |     | EC 0G3C-0114-04 | 23APR04 | BSV | MZ   |

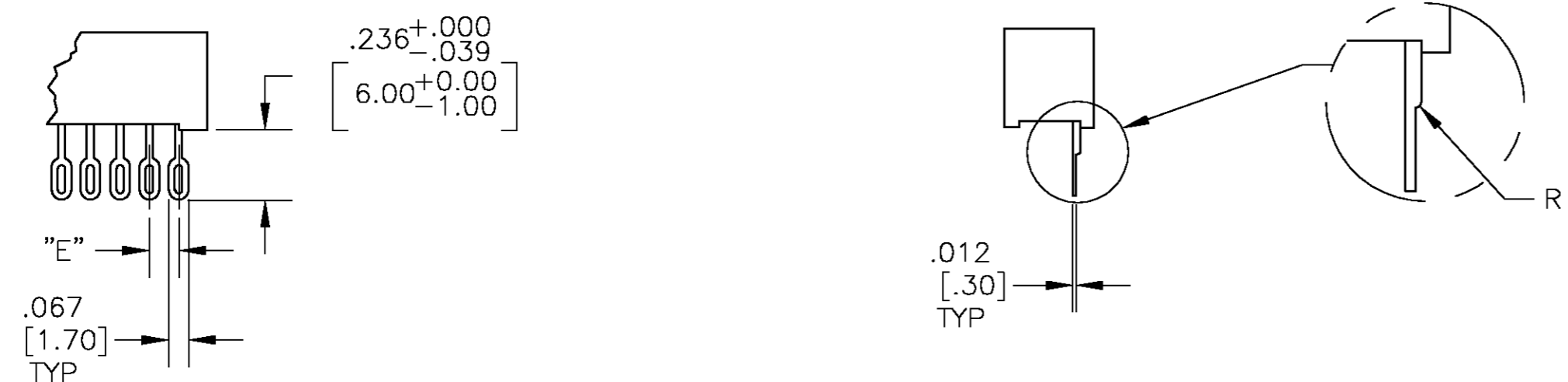
### SPECIFICATIONS:

PLASTIC MATERIAL: PPO GLASS FILLED  
 (SELF EXTINGUISHING, NON-DRIP GROUP 1)  
 CONTACT MATERIAL: SOLDER TAGS AND SOLDER LUGS  
 Au OVER Ni ON Sn-Bz  
 CONTACT SPACING: 5,9 AND 12 POLES=.100(2.54)  
 11 POLES=.079(2.00)  
 CONTACT LOAD: 1A  
 OPERATING VOLTAGE: 40V  
 CONTACT RESISTANCE: <15mOhm  
 INSULATION RESISTANCE: >10 Ohm  
 TEST VOLTAGE: 500VAC<sup>12</sup>  
 PERMISSIBLE AMBIENT TEMPERATURE: -40° TO +100°  
 INSERTION FORCE PER CONTACT: APPROX. 2N  
 WITHDRAWAL FORCE PER CONTACT: APPROX. 1.8N  
 PLUGGING FREQUENCY: AFTER 100 PLUGGING ACTIONS  
 TECHNICAL VALUES ARE ALL WITHIN LIMITS.

NOTES: B9LS/5-PIN TERMINALS ARE LOCATED IN ODD NUMBERED POSITIONS ONLY (1,3,5,7,9) WITH .200 SPACE CENTER TO CENTER. (5.08)



LS TERMINAL TYPE



L TERMINAL TYPE

| PART NUMBER | MODEL No.  | No. OF POLES | DIM "A"       | DIM "B"      | DIM "C"       | DIM "E"     |
|-------------|------------|--------------|---------------|--------------|---------------|-------------|
| 1437606-3   | B12LS      | 12           | 1.100 (27.94) | 1.201 (30.5) | 1.299 (33.00) | .100 (2.54) |
| 1437606-2   | B12L       | 12           | 1.100 (27.94) | 1.201 (30.5) | 1.299 (33.00) | .100 (2.54) |
| 1437606-1   | B11LS      | 11           | .787 (20.0)   | .874 (22.20) | .945 (24.00)  | .079 (2.00) |
| 1437606-9   | B9LS/5 PIN | (SEE NOTE)   | .800 (20.32)  | .874 (22.20) | .940 (24.00)  | .200 (5.08) |
| 1437606-8   | B9LS       | 9            | .800 (20.32)  | .874 (22.20) | .945 (24.00)  | .100 (2.54) |
| 1437606-6   | B9L        | 9            | .800 (20.32)  | .874 (22.20) | .945 (24.00)  | .100 (2.54) |
| 1437606-5   | B5LS       | 5            | .400 (10.16)  | .559 (14.20) | .598 (15.20)  | .100 (2.54) |
| 1437606-4   | B5L        | 5            | .400 (10.16)  | .559 (14.20) | .598 (15.20)  | .100 (2.54) |

|   |  |                      |   |                 |
|---|--|----------------------|---|-----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN BSV 23APR04      | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3808 |                 |
| DIMENSIONS: INCHES  |  | CHK M ZITTO 27APR04  |   |                 |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:  |  | APVD M ZITTO 27APR04 | NAME CONNECTORS B SERIES                                  |                 |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .010<br>4 PLC ± -<br>ANGLES ± 1° |  | PRODUCT SPEC         | RESTRICTED TO   |                 |
| MATERIAL  |  | APPLICATION SPEC     | SIZE A2   | CAGE CODE 00779 |
| FINISH  |  | WEIGHT               | DRAWING NO. 1437606-2                                     |                 |
|   |  | CUSTOMER DRAWING     | SCALE 2:1   | SHEET 1 OF 1    |