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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

0

REVISED PER 0G3B-0913-04

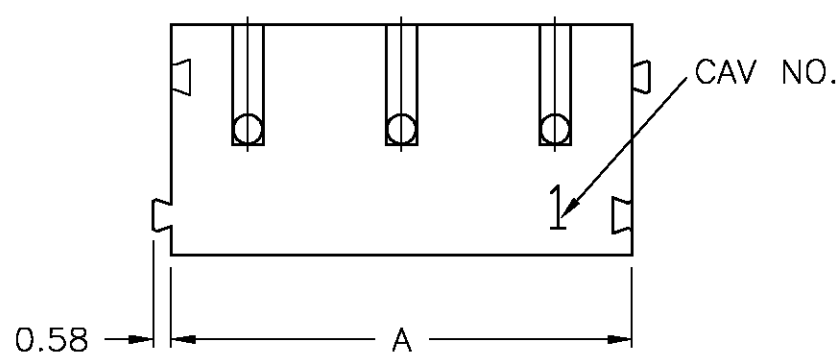
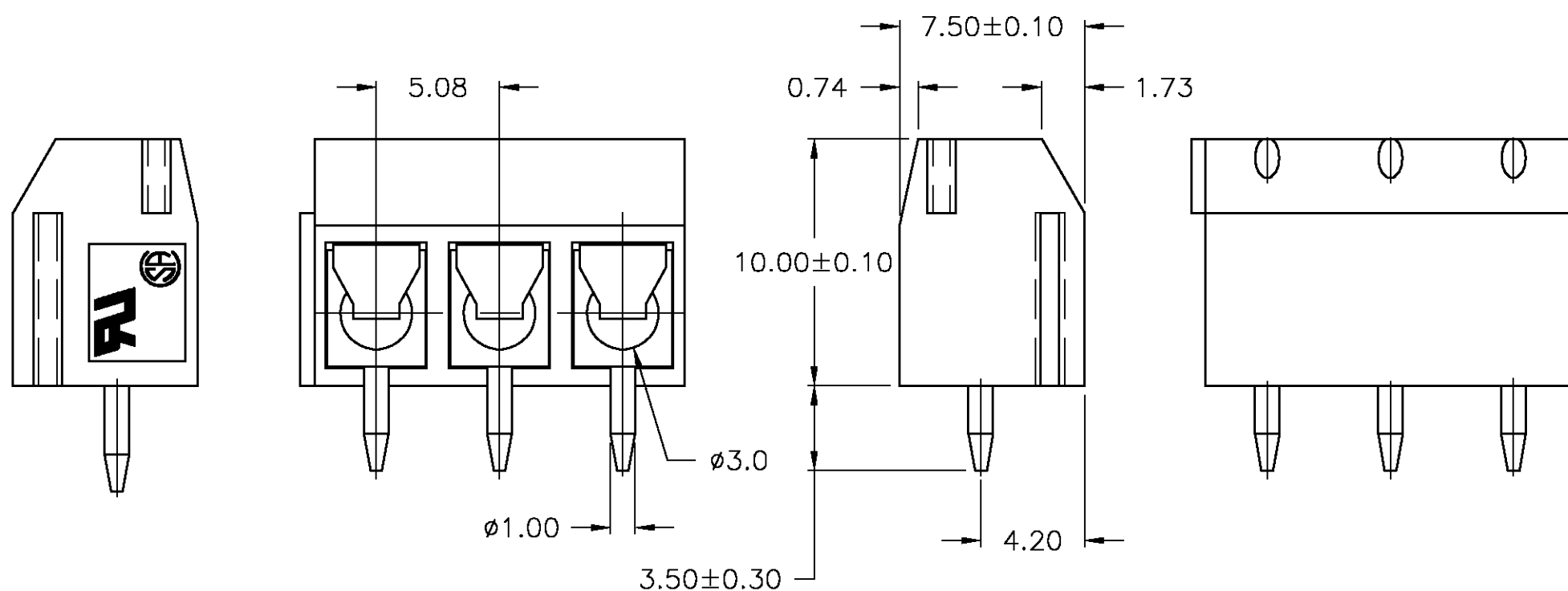
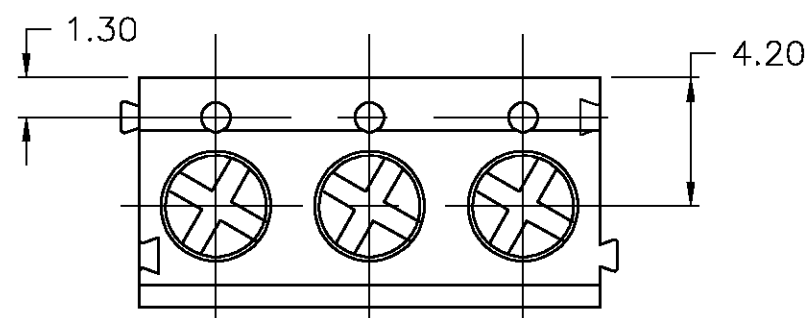
5/5/05

SS

CR

## NOTES:

1. ALL DIMENSIONS ARE IN MM.
2. RECOMMENDED PC-BOARD-HOLES DIAMETER:  $\phi 1.20\text{mm}$  to  $1.40\text{mm}$ .
3. BUCHANAN LOGO TO APPEAR ON HOUSING LOCATION OPTIONAL WHERE SPACE PERMITS.



1776493-3 AS SHOWN

|        |             |             |
|--------|-------------|-------------|
| 121.92 | 24          | 2-1776493-4 |
| 116.84 | 23          | 2-1776493-3 |
| 111.76 | 22          | 2-1776493-2 |
| 106.68 | 21          | 2-1776493-1 |
| 101.60 | 20          | 2-1776493-0 |
| 96.52  | 19          | 1-1776493-9 |
| 91.44  | 18          | 1-1776493-8 |
| 86.36  | 17          | 1-1776493-7 |
| 81.28  | 16          | 1-1776493-6 |
| 76.20  | 15          | 1-1776493-5 |
| 71.12  | 14          | 1-1776493-4 |
| 66.04  | 13          | 1-1776493-3 |
| 60.96  | 12          | 1-1776493-2 |
| 55.88  | 11          | 1-1776493-1 |
| 50.80  | 10          | 1-1776493-0 |
| 45.72  | 9           | 1776493-9   |
| 40.64  | 8           | 1776493-8   |
| 35.56  | 7           | 1776493-7   |
| 30.48  | 6           | 1776493-6   |
| 25.40  | 5           | 1776493-5   |
| 20.32  | 4           | 1776493-4   |
| 15.24  | 3           | 1776493-3   |
| 10.16  | 2           | 1776493-2   |
| DIM. A | NO. OF POS. | PART NUMBER |

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DWN S SCHLEGEL 5/5/05

CHK C RICHARD 5/5/05

APVD C RICHARD 5/5/05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

|                              |  |                                         |  |
|------------------------------|--|-----------------------------------------|--|
| Tyco Electronics Corporation |  | Harrisburg, PA 17105-3608               |  |
| NAME                         |  | TERMINAL BLOCK PCB MOUNT, STRAIGHT SIDE |  |
| SIZE                         |  | WIRE ENTRY, LOW PROFILE W/ INTERLOCK,   |  |
| CAGE CODE                    |  | 5.08mm PITCH (LT), HIGH TEMP            |  |
| DRAWING NO                   |  | RESTRICTED TO                           |  |
| A3 00779                     |  | C-1776493                               |  |
| SCALE                        |  | SHEET 1 OF 2                            |  |
| NTS                          |  | REV 0                                   |  |

|                                                |                          |
|------------------------------------------------|--------------------------|
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| LOC | DIST | REVISIONS   |      |     |      |  |
|-----|------|-------------|------|-----|------|--|
| P   | LTR  | DESCRIPTION | DATE | DWN | APVD |  |
|     | —    | SEE SHEET 1 | —    | —   | —    |  |

### 1. Application and Features:

- 1-1. Standard sizes are 2 and 3 way—blocks, but every number of contact can be combined, by simply plugging them together and can be ordered as required\*\*
- 1-2. With wire guard for wire protection (for that the screw doesn't press directly on the wire)

### 2-3. Mechanical:

- 2-3-1. Torque: 4 Kg.cm (Max).
- 2-3-2. Operating temperature: -55°C to +105°C.
- 2-3-3. Solderability: 95% coverage (min).

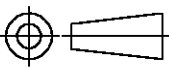
### 2. Technical Data:

#### 2-1. Material:

- 2-1-1. HOUSING: HIGH TEMP. POLYAMIDE UL 94 V-0 (Blue).
- 2-1-2. Metal Housing: Brass(Cu Zn)  
Cu,Tin plated.
- 2-1-3. Wire guard: Stainless steel.
- 2-1-4. Screw: Steel galvanized and  
chromatized, M2.6

#### 2-2. Electrical:

- 2-2-1. Current rating: 10 Amps/way max.
- 2-2-2. Contact resistance: 20mΩ (Max).
- 2-2-3. Insulation resistance: 5000MΩ /1000V.
- 2-2-4. Withstanding Voltage: 1500VAC (1min).  
test time =60sec/1pcs
- 2-2-5. Operation Voltage: 300 VAC.
- 2-2-6. Wire Range: 14-22 AWG.

|                                                                                       |  |                                                                                  |        |                                   |  |                                                                       |           |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|--------|-----------------------------------|--|-----------------------------------------------------------------------|-----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>S SCHLEGEL                                                                | 5/5/05 | <b>tyco</b><br><b>Electronics</b> |  | Tyco Electronics Corporation                                          |           |
|                                                                                       |  | CHK<br>C RICHARD                                                                 | 5/5/05 |                                   |  | Harrisburg, PA 17105-3608                                             |           |
|                                                                                       |  | APVD<br>C RICHARD                                                                | 5/5/05 | NAME                              |  | TERMINAL BLOCK PCB MOUNT, STRAIGHT SIDE                               |           |
| DIMENSIONS:<br>MM                                                                     |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                        |        | PRODUCT SPEC                      |  | WIRE ENTRY, LOW PROFILE W/ INTERLOCK,<br>5.08mm PITCH (LT), HIGH TEMP |           |
|  |  | 0 PLC ± -<br>1 PLC ± 0.3<br>2 PLC ± 0.25<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - |        | APPLICATION SPEC                  |  | SIZE                                                                  | CAGE CODE |
| MATERIAL                                                                              |  | FINISH                                                                           |        | WEIGHT                            |  | DRAWING NO                                                            |           |
| —                                                                                     |  | —                                                                                |        | —                                 |  | A3 00779 C-1776493                                                    |           |
|                                                                                       |  | CUSTOMER DRAWING                                                                 |        | SCALE                             |  | SHEET                                                                 | REV       |
|                                                                                       |  |                                                                                  |        | NTS                               |  | 2 OF 2                                                                | 0         |