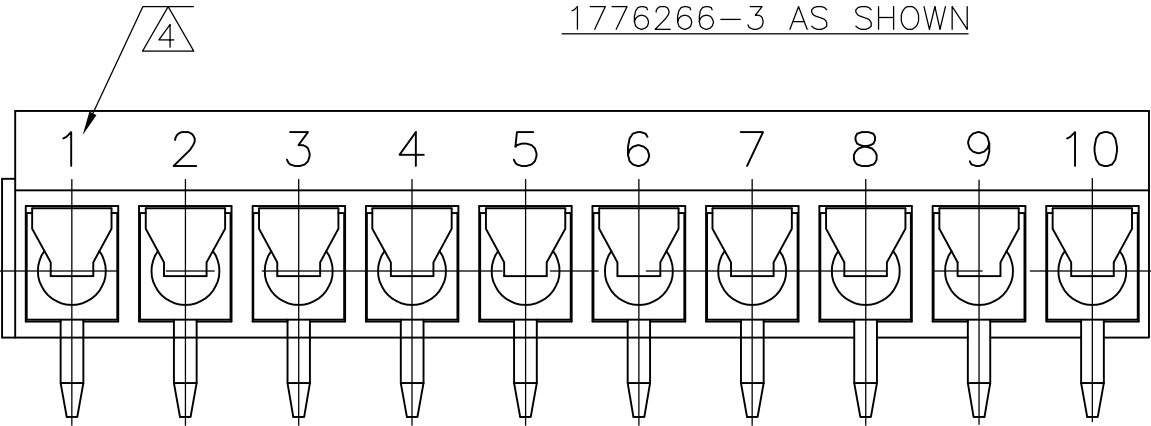
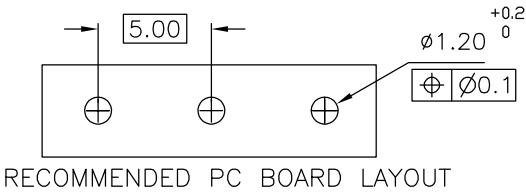
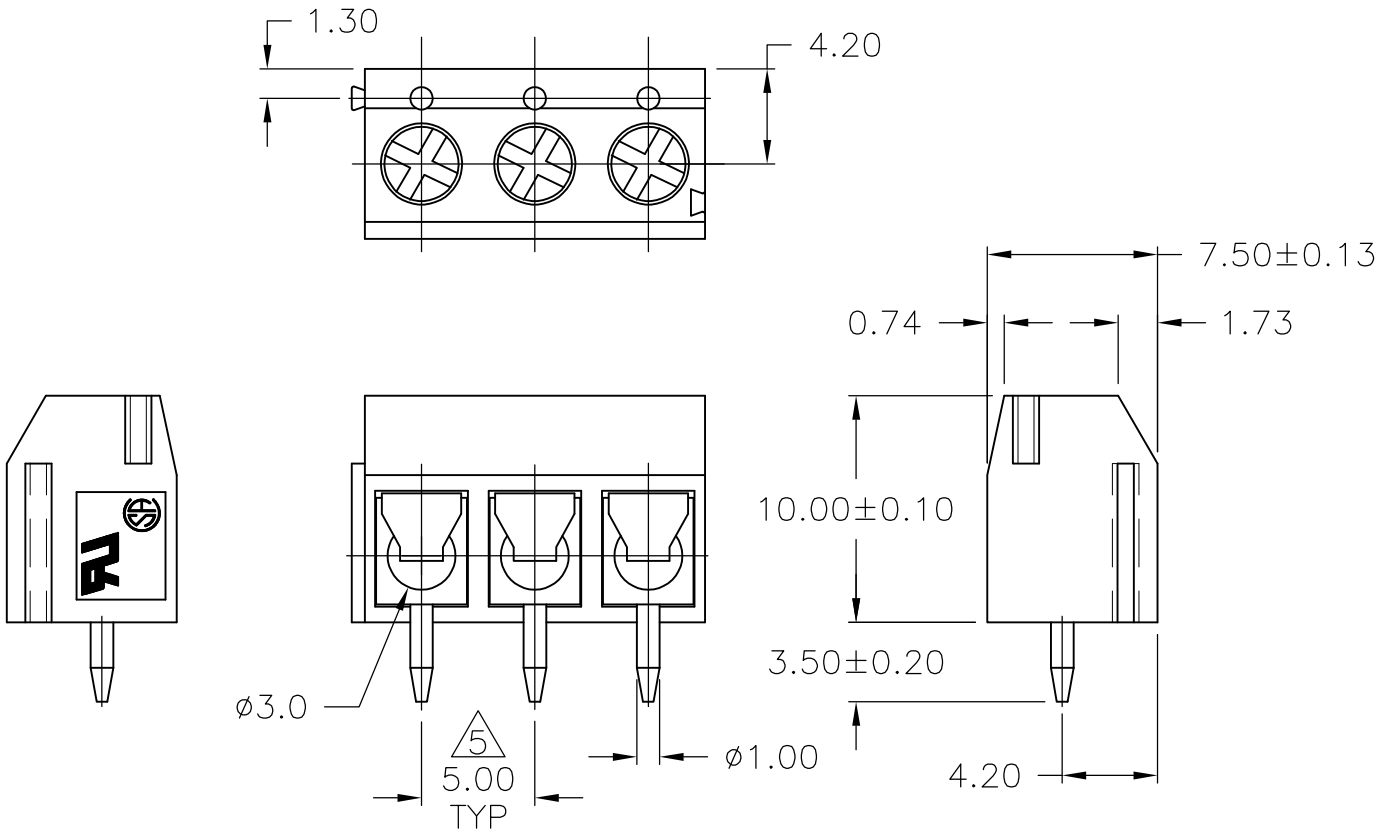


| REVISIONS |     |                                           |         |     |      |
|-----------|-----|-------------------------------------------|---------|-----|------|
| P         | LTR | DESCRIPTION                               | DATE    | DWN | APVD |
|           | A   | PCB LAYOUT ADDED HIGH TEMP PHRASE REMOVED | 09AUG16 | FP  | NG   |

1. ALL DIMENSIONS ARE IN MM.
2. RECOMMENDED PC-BOARD-HOLES DIAMETER: Ø1.20MM TO Ø1.40MM.
3. BUCHANAN LOGO TO APPEAR ON HOUSING LOCATION  
OPTIONAL WHERE SPACE PERMITS.

- △4 WHITE INK MARK.
- △5 NON CUMULATIVE.
- △6 OBSOLETE

|        |        |             |             |
|--------|--------|-------------|-------------|
| △6     | 50.00  | 10          | 2-1776266-5 |
| △6     | 120.00 | 24          | 2-1776266-4 |
| △6     | 115.00 | 23          | 2-1776266-3 |
| △6     | 110.00 | 22          | 2-1776266-2 |
| △6     | 105.00 | 21          | 2-1776266-1 |
| △6     | 100.00 | 20          | 2-1776266-0 |
| △6     | 95.00  | 19          | 1-1776266-9 |
| △6     | 90.00  | 18          | 1-1776266-8 |
| △6     | 85.00  | 17          | 1-1776266-7 |
| △6     | 80.00  | 16          | 1-1776266-6 |
| △6     | 75.00  | 15          | 1-1776266-5 |
| △6     | 70.00  | 14          | 1-1776266-4 |
| △6     | 65.00  | 13          | 1-1776266-3 |
|        | 60.00  | 12          | 1-1776266-2 |
|        | 55.00  | 11          | 1-1776266-1 |
|        | 50.00  | 10          | 1-1776266-0 |
|        | 45.00  | 9           | 1776266-9   |
|        | 40.00  | 8           | 1776266-8   |
|        | 35.00  | 7           | 1776266-7   |
|        | 30.00  | 6           | 1776266-6   |
|        | 25.00  | 5           | 1776266-5   |
|        | 20.00  | 4           | 1776266-4   |
|        | 15.00  | 3           | 1776266-3   |
|        | 10.00  | 2           | 1776266-2   |
| DIM. A |        | NO. OF POS. | PART NUMBER |



|                                        |  |                       |                                                                                                              |                 |                      |
|----------------------------------------|--|-----------------------|--------------------------------------------------------------------------------------------------------------|-----------------|----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN S SCHLEGEL 5/6/05 | TE Connectivity                                                                                              |                 |                      |
|                                        |  | CHK C RICHARD 5/6/05  |                                                                                                              |                 |                      |
|                                        |  | APVD C RICHARD 5/6/05 | NAME                                                                                                         |                 |                      |
|                                        |  | PRODUCT SPEC          | TERMINAL BLOCK PCB MOUNT, STRAIGHT<br>SIDE WIRE ENTRY, LOW PROFILE w/3.5mm pins<br>W/INTERLOCK, 5.00mm PITCH |                 |                      |
|                                        |  | APPLICATION SPEC      |                                                                                                              |                 |                      |
|                                        |  | WEIGHT 0              | SIZE A3                                                                                                      | CAGE CODE 00779 | DRAWING NO C-1776266 |
| CUSTOMER DRAWING                       |  | SCALE NTS             | SHEET 1 OF 2                                                                                                 | REV A           |                      |

|                              |                                 |
|------------------------------|---------------------------------|
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| 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. Technical Data:

- 2-1. Material:

2-1-1. HOUSING: PA 6.6, UL 94 V-0, (Green).

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.

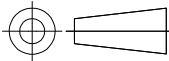
2-2-4. Withstanding Voltage: 1500VAC (1min).

2-2-5. Operation Voltage: 300 VAC.

2-2-6. Wire Range: 14-22 AWG.

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).

|                                                                                       |  |                                                                                                                                   |  |                                                                                                                      |                    |                         |                    |
|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>S SCHLEGEL<br>5/6/05                                                                                                       |  | <div>TE Connectivity</div>      |                    |                         |                    |
|                                                                                       |  | CHK<br>C RICHARD<br>5/6/05                                                                                                        |  |                                                                                                                      |                    |                         |                    |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PLC ± -<br>1 PLC ± 0.3<br>2 PLC ± 0.25<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - |  | APVD<br>C RICHARD<br>5/6/05                                                                                          |                    |                         |                    |
|  |  |                                                                                                                                   |  | PRODUCT SPEC<br>—                                                                                                    |                    |                         |                    |
|                                                                                       |  |                                                                                                                                   |  | APPLICATION SPEC<br>—                                                                                                |                    |                         |                    |
|                                                                                       |  |                                                                                                                                   |  | —                                                                                                                    |                    |                         |                    |
|                                                                                       |  |                                                                                                                                   |  | WEIGHT —                                                                                                             |                    |                         |                    |
| MATERIAL<br>—                                                                         |  | FINISH<br>—                                                                                                                       |  | NAME<br>TERMINAL BLOCK PCB MOUNT, STRAIGHT<br>SIDE WIRE ENTRY, LOW PROFILE w/3.5mm pins<br>W/INTERLOCK, 5.00mm PITCH |                    |                         |                    |
|                                                                                       |  |                                                                                                                                   |  | SIZE<br>A3                                                                                                           | CAGE CODE<br>00779 | DRAWING NO<br>C-1776266 | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                                                                      |  |                                                                                                                                   |  | SCALE<br>NTS                                                                                                         | SHEET<br>2 OF 2    | REV<br>A                |                    |

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