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

1. Application and Features:

- 1-1. This series of terminal block has a built-in self lift wire guard clamp to protect against wire pinching.
- 1-2. 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\*\*
- 1-3. Since the wire inlet and the screw are in a 45° position,these terminal blocks are designed specifically to solve poor accessibility problems.

2. Technical Data:

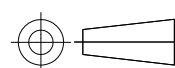
- 2-1. Material:
- 2-1-1. HOUSING: PA 6.6,  
UL 94 V-0 (BLUE).
- 2-1-2. Contact: Brass(Cu Zn)  
Cu,Tin plated.
- 2-1-3. Screw: Steel galvanized and chromatized, M2.6

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.

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).  
test temperature=230°C±10°C  
test time= 3sec ± 0.5sec.

|                                                                                       |                                                                                                                                   |                             |                                                                                                                  |            |               |                 |          |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------|------------|---------------|-----------------|----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                                                                                   | DWN<br>S SCHLEGEL<br>5/6/05 | <div> TE Connectivity</div> |            |               |                 |          |
| 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 ± - | CHK<br>C RICHARD<br>5/6/05  |                                                                                                                  |            |               |                 |          |
|                                                                                       |                                                                                                                                   | APVD<br>C RICHARD<br>5/6/05 | NAME<br><br>TERMINAL BLOCK, 45 DEGREE INLET,<br>W/ INTERLOCK, 5.08mm PITCH<br><br>-                              |            |               |                 |          |
|  | PRODUCT SPEC<br><br>-                                                                                                             |                             |                                                                                                                  |            |               |                 |          |
|                                                                                       | APPLICATION SPEC<br><br>-                                                                                                         | SIZE                        | CAGE CODE                                                                                                        | DRAWING NO | RESTRICTED TO |                 |          |
|                                                                                       | MATERIAL<br><br>-                                                                                                                 | FINISH<br><br>-             | WEIGHT<br><br>0                                                                                                  | A3         | 00779         | C-1776258       | -        |
| CUSTOMER DRAWING                                                                      |                                                                                                                                   |                             |                                                                                                                  |            | SCALE<br>NTS  | SHEET<br>2 OF 2 | REV<br>A |

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