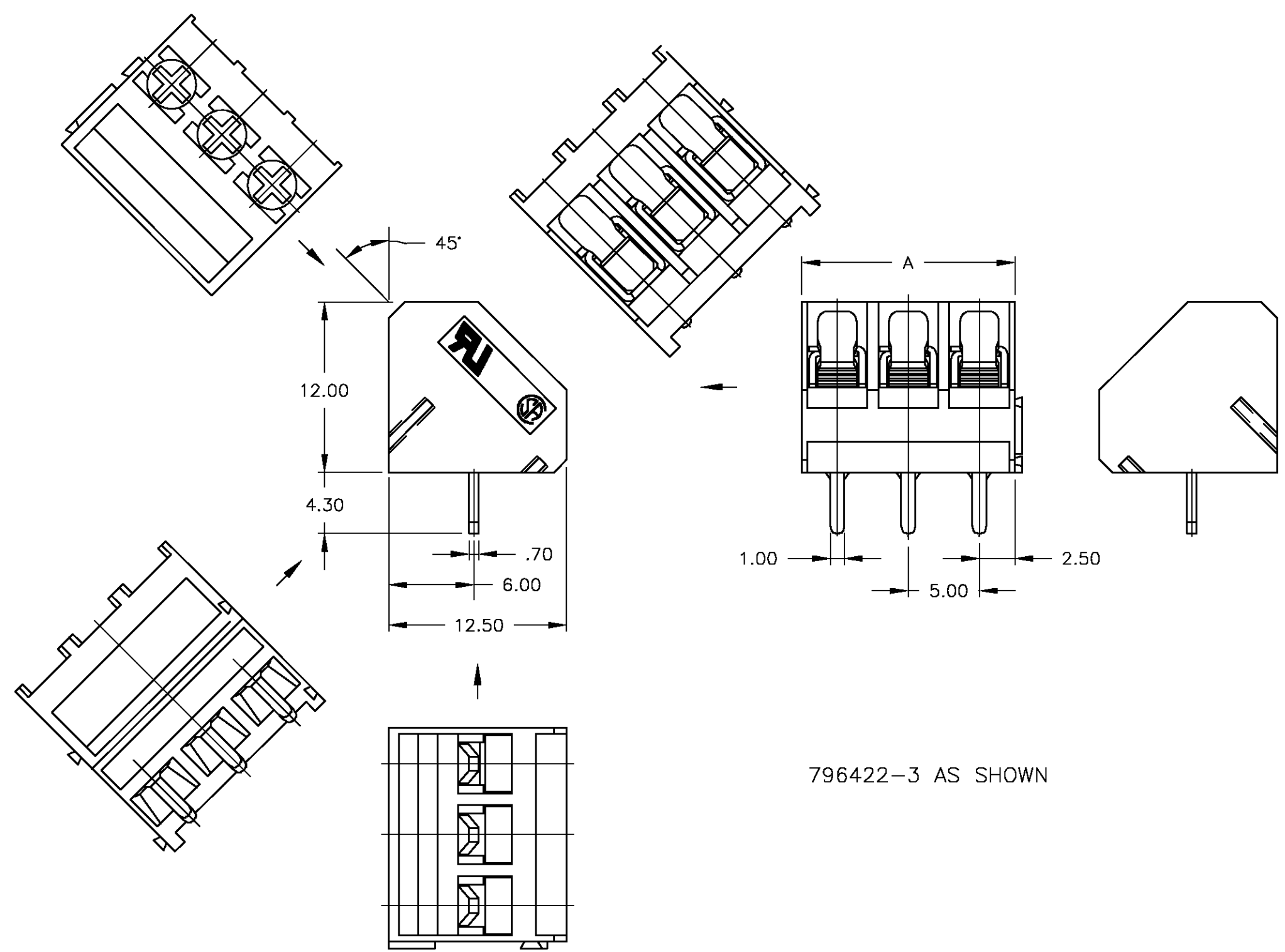


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| | | | | | | | |
|-----|------|-----------|-----|-------------------------|---------|-----|------|
| LOC | DIST | REVISIONS | | | | | |
| FT | 0 | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | | F | REVISED PER ECO-05-2193 | 5/16/05 | SS | CR |



| | | | |
|---|--------|-------------|-------------|
| 4 | 15.00 | 3 | 3-796422-3 |
| 4 | 10.00 | 2 | 3-796422-2 |
| 3 | 15.00 | 3 | 2-796422-6 |
| 3 | 10.00 | 2 | 2-796422-5 |
| | 120.00 | 24 | 2-796422-4 |
| | 115.00 | 23 | 2-796422-3 |
| | 110.00 | 22 | 2-796422-2 |
| | 105.00 | 21 | 2-796422-1 |
| | 100.00 | 20 | 2-796422-0 |
| | 95.00 | 19 | 1-796422-9 |
| | 90.00 | 18 | 1-796422-8 |
| | 85.00 | 17 | 1-796422-7 |
| | 80.00 | 16 | 1-796422-6 |
| | 75.00 | 15 | 1-796422-5 |
| | 70.00 | 14 | 1-796422-4 |
| | 65.00 | 13 | 1-796422-3 |
| | 60.00 | 12 | 1-796422-2 |
| | 55.00 | 11 | 1-796422-1 |
| | 50.00 | 10 | 1-796422-0 |
| | 45.00 | 9 | 796422-9 |
| | 40.00 | 8 | 796422-8 |
| | 35.00 | 7 | 796422-7 |
| | 30.00 | 6 | 796422-6 |
| | 25.00 | 5 | 796422-5 |
| | 20.00 | 4 | 796422-4 |
| | 15.00 | 3 | 796422-3 |
| | 10.00 | 2 | 796422-2 |
| | DIM. A | NO. OF POS. | PART NUMBER |

796422-3 AS SHOWN

- NOTES:
- ALL DIMENSIONS ARE IN MM.
 - BUCHANAN LOGO TO APPEAR ON HOUSING LOCATION OPTIONAL WHERE SPACE PERMITS.
 - WIRE ENTRY IN THE CLOSED POSITION.
 - SLOTTED SCREW HEAD, NOT PHILLIPS AS SHOWN.

| | | | | | | | |
|--|--|------------------|--------------|---------------|---|----------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN | E. ZANOLINI | 26JAN01 | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | | |
| DIMENSIONS: mm | | CHK | D. BIEVENOUR | 26JAN01 | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD | D. BIEVENOUR | 26JAN01 | | | |
| 0 PLC ± - 1 PLC ± .3 2 PLC ± .25 3 PLC ± - 4 PLC ± - ANGLES ± - | | PRODUCT SPEC | - | | | | |
| MATERIAL | | APPLICATION SPEC | - | | NAME | TERMINAL BLOCK | |
| FINISH | | WEIGHT | - | | SIZE | A3 | |
| - | | CUSTOMER DRAWING | | SCALE | NTS | CAGE CODE | 00779 |
| | | | | DRAWING NO | C=796422 | | |
| | | | | RESTRICTED TO | - | | |
| | | | | SHEET | 1 | OF | 2 |
| | | | | REV | F | | |

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| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| FT | 0 | | | | |
| | | 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:


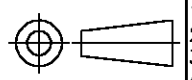
- 2-1-1. HOUSING: PBT (Glass filled), or NY-FR15 UL 94 V-0 (Blue).
- 2-1-2. Contact: Brass(Cu Zn)
Cu, Tin plated.
- 2-1-3. Screw: Steel galvanized and chromated, M2.6

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 E. ZANOLINI 26JAN01 |  Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | | |
| DIMENSIONS: mm | | CHK D. BIEVENOUR 26JAN01 | NAME TERMINAL BLOCK 45 DEGREE WIRE INLET | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD D. BIEVENOUR 26JAN01 | PRODUCT SPEC - | | |
|  | | APPLICATION SPEC - | SIZE A3 | CAGE CODE 00779 | DRAWING NO C-796422 |
| MATERIAL - | | FINISH - | WEIGHT - | RESTRICTED TO - | |
| CUSTOMER DRAWING | | | SCALE NTS | SHEET 2 OF 2 | REV F |