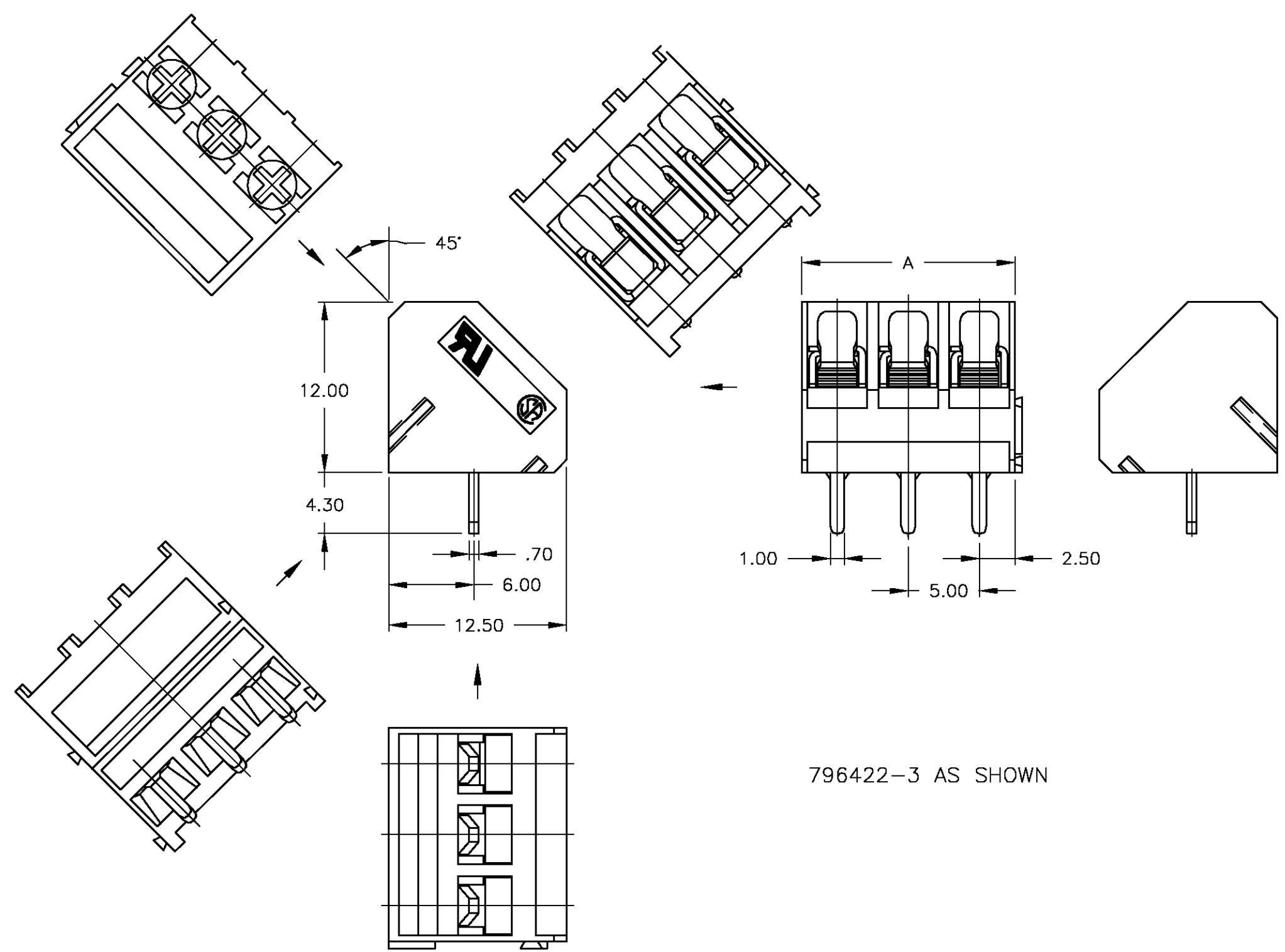


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LOC	DIST	REVISIONS					
FT	0	P	LTR	DESCRIPTION	DATE	DWN	APVD
			F	REVISED PER ECO-05-2193	5/16/05	SS	CR



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	SHEET 1 OF 2
-		-		RESTRICTED TO	-	
-		-		DRAWING NO	C-796422	
-		-		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:

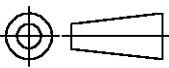
- 2-1-1. HOUSING: PBT (Glass filled), or NY-FR15 UL 94 V-0 (Blue).
- 2-1-2. Contact: Brass(Cu Zn)  
Cu, Tin plated.
- 2-1-3. Screw: Steel galvanized and chromated, M2.6

### 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.

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN E. ZANOLINI 26JAN01		Tyco Electronics Corporation Harrisburg, Pa 17105-3608		
		0 PLC	± -	CHK D. BIEVENOUR 26JAN01	<b>tyco</b> <b>Electronics</b>			
		1 PLC	± -	APVD D. BIEVENOUR 26JAN01				
		2 PLC	± -	NAME TERMINAL BLOCK				
		3 PLC	± -	PRODUCT SPEC 45 DEGREE WIRE INLET				
		4 PLC	± -	APPLICATION SPEC				
		ANGLES	± -	SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO
MATERIAL		FINISH		WEIGHT		A300779		C=796422
				CUSTOMER DRAWING		SCALE	SHEET	REV
						NTS	2 OF 2	F