

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	0		02	REVISED PER ECO-08-024769	07OCT08	HMR	CR

1. Application and Features:
- 1-1. This terminal block is designed to plug onto loose pins or pin header strips.

1-2. With wire guard for wire protection so that the screw doesn't press directly on the wire.

1-3. Easy handling due to the pluggable system horizontally or vertically.

2. Technical Data:
- 2-1. Material

2-1-1. Housing: NYLON 6.6, UL94V-O, BLACK.

2-1-2. Metal Housing: Brass(Cu Zn)
Cu, Tin Plated.

2-1-3. Wire Guard: Cu Be, Tin Plated.

2-1-4. Screw: Steel galvanized and chromitized, M2.6.

- 2-3. Electrical:
- 2-3-1. Current rating: 10 amps/way max.

2-3-2. Contact resistance: 20mΩ (Max).

2-3-3. Insulation resistance: 5000MΩ/1000V.

2-3-4. Withstanding voltage: 1500 VAC/min, test time= 60sec/1pc.

2-3-5. Operation voltage: 300 VAC.

2-3-6. Wire Range: 14-22 AWG.

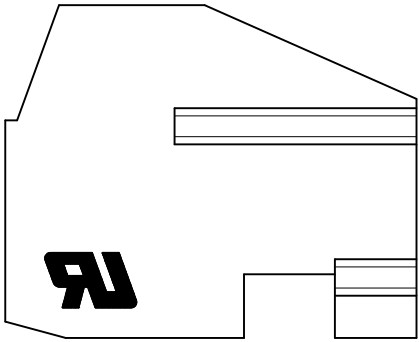
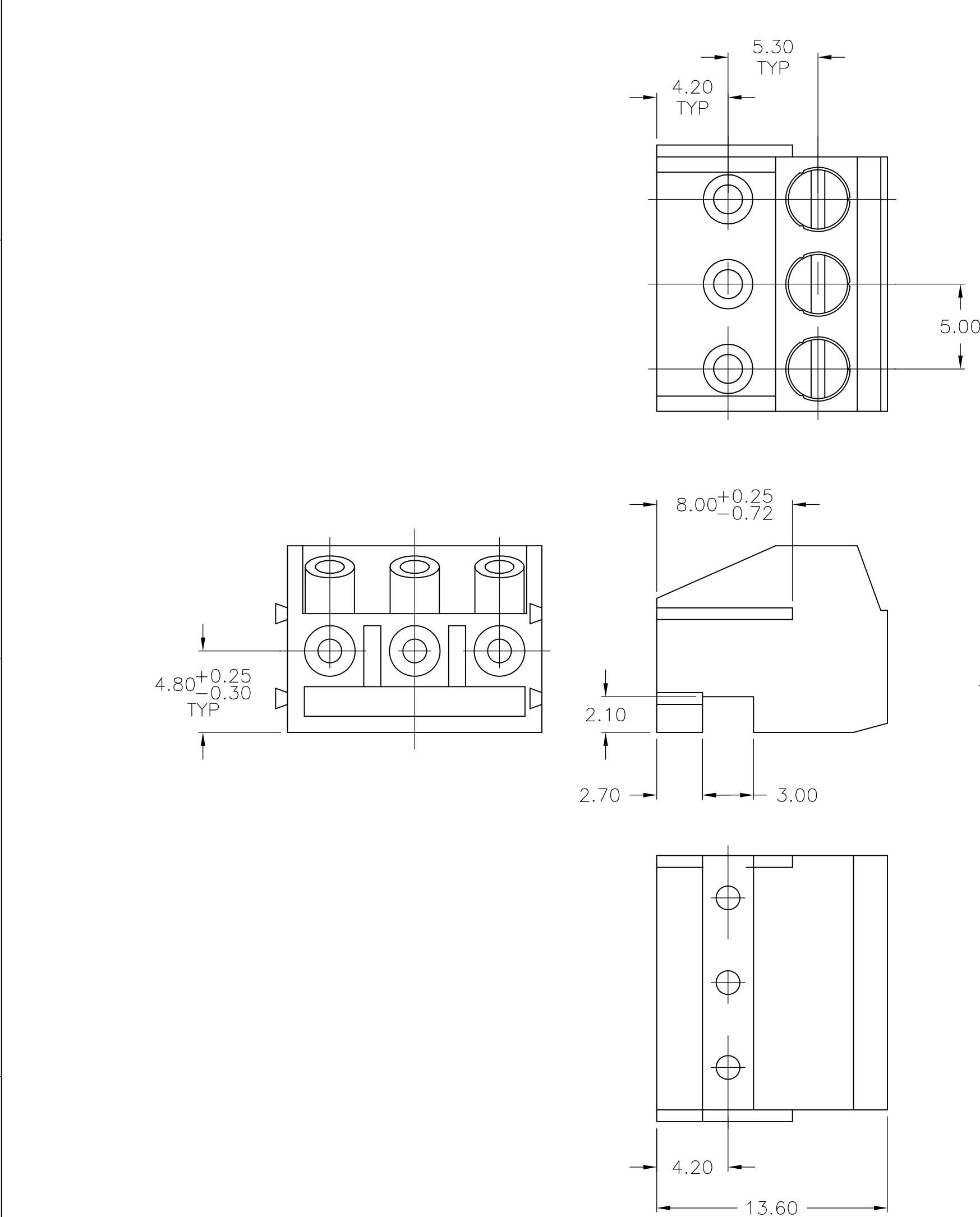
- 2.4 Mechanical:
- 2-4-1. Torque: 4 Kg.cm (Max).

2-4-2. Contact retention Force: 0.2Kg/cm (min).

2-4-3. Operating temperature: -55°C to +105°C.

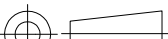
2-4-4. Solderability: 95% coverage (min).
test temperature=230°C±10°C
test time= 3sec±0.5sec.

OBSOLETE	120.00	24	2-1776280-4
OBSOLETE	115.00	23	2-1776280-3
OBSOLETE	110.00	22	2-1776280-2
OBSOLETE	105.00	21	2-1776280-1
OBSOLETE	100.00	20	2-1776280-0
OBSOLETE	95.00	19	1-1776280-9
OBSOLETE	90.00	18	1-1776280-8
OBSOLETE	85.00	17	1-1776280-7
OBSOLETE	80.00	16	1-1776280-6
OBSOLETE	75.00	15	1-1776280-5
OBSOLETE	70.00	14	1-1776280-4
OBSOLETE	65.00	13	1-1776280-3
	60.00±0.40	12	1-1776280-2
	55.00±0.40	11	1-1776280-1
	50.00±0.35	10	1-1776280-0
	45.00±0.30	9	1776280-9
	40.00±0.30	8	1776280-8
	35.00±0.25	7	1776280-7
	30.00±0.25	6	1776280-6
	25.00±0.25	5	1776280-5
	20.00±0.25	4	1776280-4
	15.00±0.25	3	1776280-3
	10.00±0.25	2	1776280-2
	DIM A	NO OF POSN	PART NUMBER



- 1 ALL DIMENSIONS ARE IN MM.
- 2 RECOMMENDED PC-BOARD HOLES DIAMETER: Ø1.200 to Ø1.400.
- 3 BUCHANAN LOGO TO APPEAR ON HOUSING LOCATION
OPTIONAL WHERE SPACE PERMITS.
- 4

NON CUMULATIVE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S SCHLEGEL 5/6/05		 Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
		CHK C RICHARD 5/6/05					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
		APVD C RICHARD 5/6/05		TERMINAL BLOCK, 90 DEGREE, STACKING W/ WIRE PROTECTION 5.0MM PITCH, HIGH TEMP			
		PRODUCT SPEC —					
		APPLICATION SPEC —					
MATERIAL —		FINISH —		SIZE A2	CAGE CODE 00779	DRAWING NO C=1776280	RESTRICTED TO —
CUSTOMER DRAWING				SCALE 6:1	SHEET 1 of 1	REV 02	