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LOC

DIST

REVISIONS

FT

0

P

LTR

DESCRIPTION

DATE

DWN

APVD

01

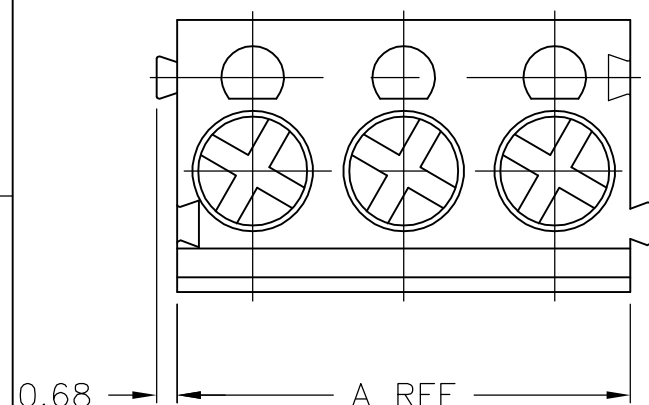
REVISED PER ECO-06-16668

7/13/06

SS

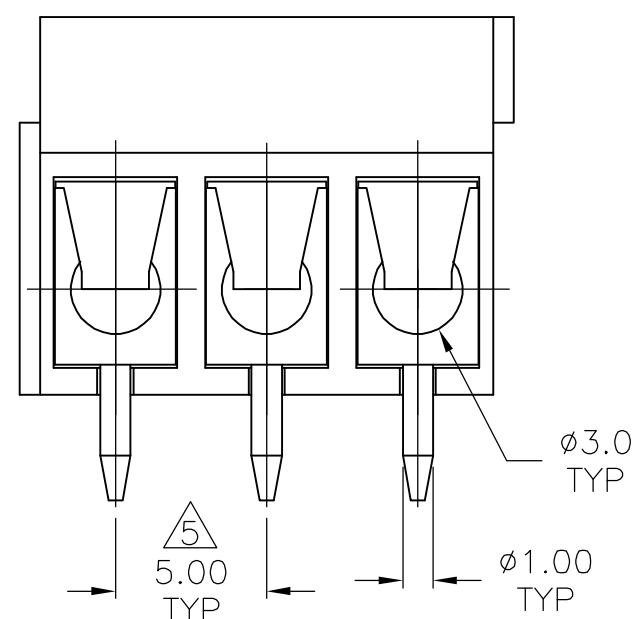
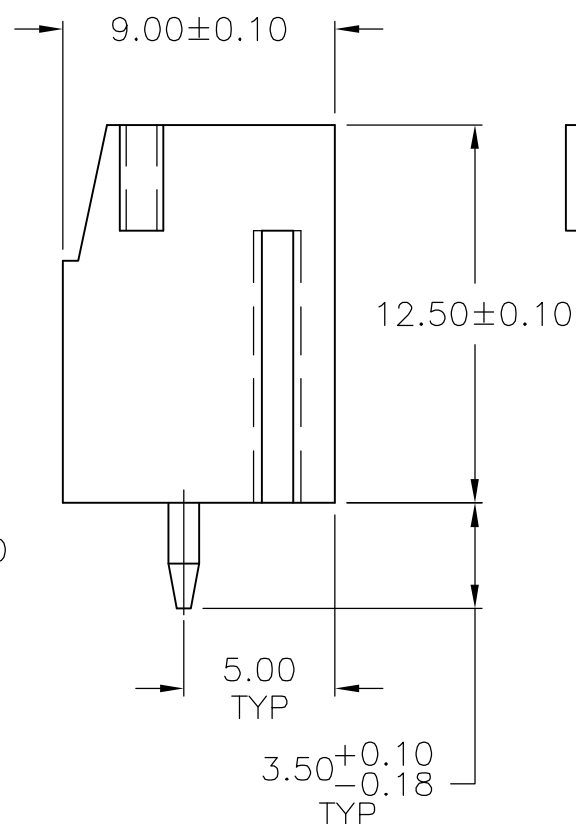
CR

1. ALL DIMENSIONS ARE IN mm'S.
2. RECOMMENDED PCB DIAMETER: $\phi 1.20$ TO $\phi 1.40$.
3. BUCHANAN LOGO TO APPEAR ON HOUSING LOCATION OPTIONAL WHERE SPACE PERMITS.
4. PARTS TO BE WAVE SOLDER PROCESS CAPABLE UP TO 265°C FOR 10 SECONDS MAX.

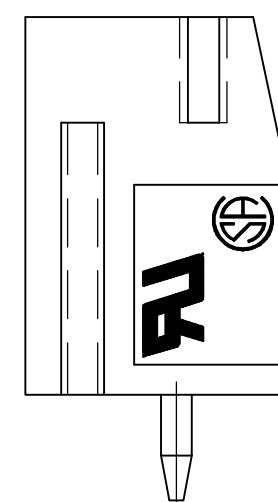
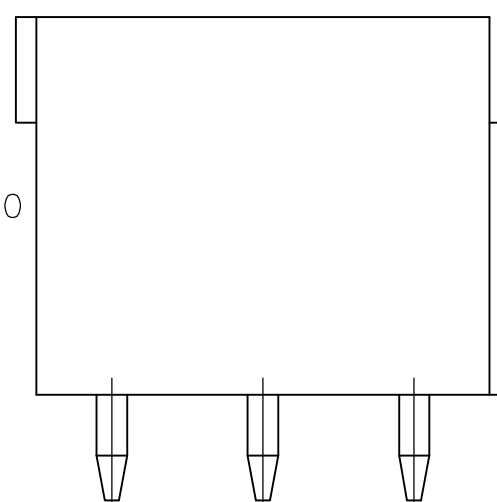
 $\triangle 5$ NON CUMULATIVE

0.68

A REF

 $\phi 3.0$
TYP $\triangle 5$
5.00
TYP $\phi 1.00$
TYP

12.50 ± 0.10

5.00
TYP3.50 +0.10
-0.18
TYP

1776491-3 AS SHOWN

120.00	24	2-1776491-4
115.00	23	2-1776491-3
110.00	22	2-1776491-2
105.00	21	2-1776491-1
100.00	20	2-1776491-0
95.00	19	1-1776491-9
90.00	18	1-1776491-8
85.00	17	1-1776491-7
80.00	16	1-1776491-6
75.00	15	1-1776491-5
70.00	14	1-1776491-4
65.00	13	1-1776491-3
60.00	12	1-1776491-2
55.00	11	1-1776491-1
50.00	10	1-1776491-0
45.00	9	1776491-9
40.00	8	1776491-8
35.00	7	1776491-7
30.00	6	1776491-6
25.00	5	1776491-5
20.00	4	1776491-4
15.00	3	1776491-3
10.00	2	1776491-2
DIM. A	NO. OF POS.	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN S SCHLEGEL 5/2/05

CHK C RICHARD 5/2/05

APVD C RICHARD 5/2/05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

tyco
ElectronicsTyco Electronics Corporation
Harrisburg, Pa 17105-3608NAME
TERMINAL BLOCK PCB MOUNT, STRAIGHT
SIDE WIRE ENTRY W/ INTERLOCK,
5.00mm PITCH (LT), HIGH TEMP

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A3 00779 C-1776491

SCALE NTS

SHEET 1 OF 2 REV 01

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	0		—	SEE SHEET 1	—	—	—

1. Application and Features:

- 1-1. This is the most standard version which is an economic and reliable solution for Cable to PC-Board connection .
- 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. Holes for test-pins .
- 1-4. With wire guard for wire protection (for that the screw doesn't press directly on the wire)

- 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. Screw Torque: 4 Kg.cm (Max).
- 2-3-2. Operating temperature: -55°C to +105°C.
- 2-3-3. Solderability: 95% coverage (min).

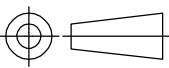
2. Technical Data:

2-1. Material:

- 2-1-1. HOUSING: NYLON 6.6
UL 94 V-0 (Blue).
- 2-1-2. Metal Housing: Brass(Cu Zn)
Cu,Tin plated.
- 2-1-3. Screw: Steel galvanized and chromatized.
- 2-1-4. Wire guard: Stainless steel Tin plated.

2-2. Electrical:

- 2-2-1. Current rating: 10 Amps/way max.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S SCHLEGEL	5/2/05	tyco Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK C RICHARD	5/2/05	NAME			
		APVD C RICHARD	5/2/05	TERMINAL BLOCK PCB MOUNT, STRAIGHT SIDE WIRE ENTRY W/INTERLOCK, 5.00mm PITCH (LT)			
	0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.25 3 PLC ± - 4 PLC ± - ANGLES ± -	PRODUCT SPEC		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		APPLICATION SPEC		—	—	—	—
MATERIAL	FINISH	WEIGHT		A300779C-1776491			
—		—		CUSTOMER DRAWING			
				SCALE	NTS	SHEET	2 OF 2
						REV	01