

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

FT

0

P

LTR

DESCRIPTION

DATE

DWN

APVD

0

REVISED PER 0G3B-0201-05

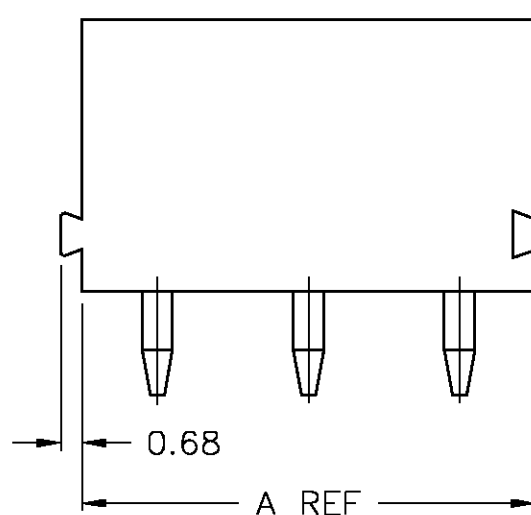
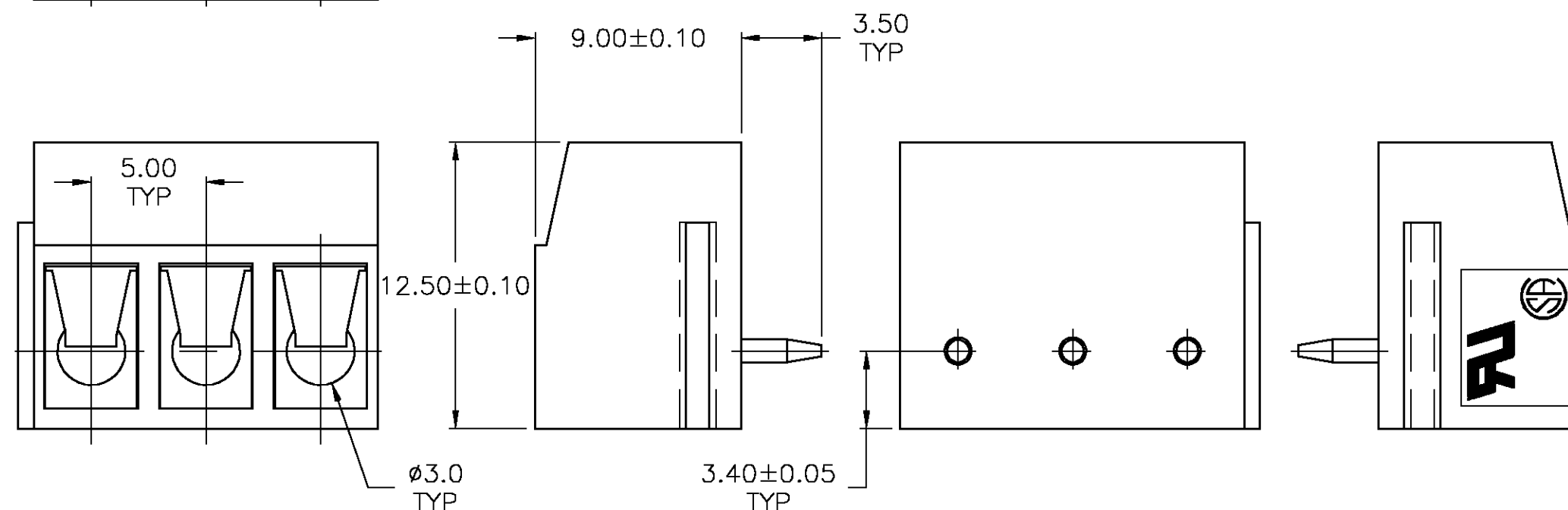
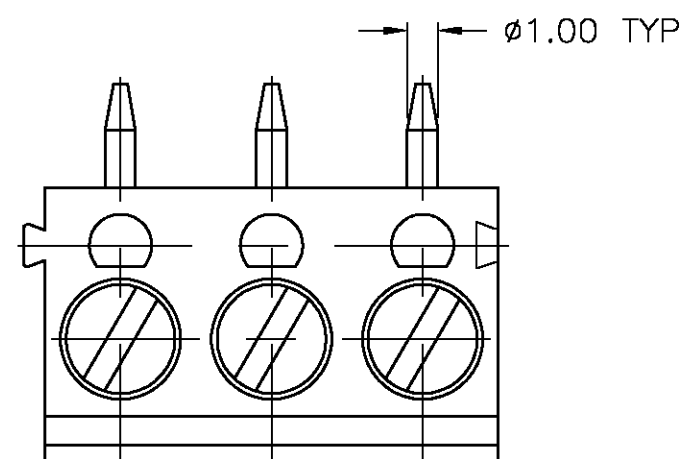
5/2/05

SS

CR

NOTES:

1. ALL DIMENSIONS ARE IN MM.
2. RECOMMENDED PC-BOARD-HOLES DIA.: Ø1.20MM TO 1.40MM.
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.



1776492-3 AS SHOWN

120.00	24	2-1776492-4
115.00	23	2-1776492-3
110.00	22	2-1776492-2
105.00	21	2-1776492-1
100.00	20	2-1776492-0
95.00	19	1-1776492-9
90.00	18	1-1776492-8
85.00	17	1-1776492-7
80.00	16	1-1776492-6
75.00	15	1-1776492-5
70.00	14	1-1776492-4
65.00	13	1-1776492-3
60.00	12	1-1776492-2
55.00	11	1-1776492-1
50.00	10	1-1776492-0
45.00	9	1776492-9
40.00	8	1776492-8
35.00	7	1776492-7
30.00	6	1776492-6
25.00	5	1776492-5
20.00	4	1776492-4
15.00	3	1776492-3
10.00	2	1776492-2
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 Electronics Corporation

Harrisburg, Pa 17105-3608

NAME

TERMINAL BLOCK, TOP WIRE ENTRY,

W/ INTERLOCK, 5.0mm PITCH,

HIGH TEMP

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A300779 C-1776492

SCALE NTS SHEET 1 OF 2 REV 0

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.3

2 PLC ± 0.25

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION
© COPYRIGHT - BY TYCO ELECTRONICS CORPORATION.	ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
	—	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. Technical Data:

2-1. Material:

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

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.

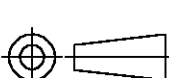
2-2-6. Wire Range: 14-22 AWG.

2-3. Mechanical:

2-3-1. Screw Torque: 4 Kg.cm (Max).

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

2-3-3. Solderability: 95% coverage (min).

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S SCHLEGEL	5/2/05	tyco Electronics			Tyco Electronics Corporation Harrisburg, Pa 17105-3608							
DIMENSIONS: mm		CHK C RICHARD	5/2/05	NAME TERMINAL BLOCK, TOP WIRE ENTRY, W/ INTERLOCK, 5.0mm PITCH, HIGH TEMP										
		APVD C RICHARD	5/2/05											
		PRODUCT SPEC —		SIZE A3					CAGE CODE 00779		DRAWING NO C-1776492		RESTRICTED TO —	
		APPLICATION SPEC —												
		WEIGHT —												
		CUSTOMER DRAWING												
MATERIAL —		FINISH —		SCALE NTS		SHEET 2		OF 2		REV 0				