

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOC

DIST

REV

DATE

DWN

APVD

DESCRIPTION

ECO-15-007618

16JUL2015

AP

PS

NOTES:

1

MATERIALS AND FINISH

HOUSING: PA 6-6, UL 94-V0, COLOR: GREEN.

CLAMP: BRASS, NICKEL PLATED.

CONTACT: PHOSPHOR BRONZE, TIN PLATED.

CLAMPING SCREW: M3, BRASS, NICKEL PLATED.

3.

RECOGNIZED UNDER THE COMPONENT PROGRAM OF UNDERWRITERS LABORATORIES INC. FILE NO. E60677.

4.

IMQ CERTIFICATE WITH SURVEILLANCE IN CONFORMITY WITH IEC 998-1/998-2-1.

5

NOT CUMULATIVE TOLERANCE.

6

INK MARKING, BLACK COLOR.

7

INK MARKING, WHITE COLOR.

8

WIRE ENTRY IN THE CLOSED POSITION.

9

SEE FIGURE.

10

END TO END STACKABLE W/O LOSS OF CENTERLINE SPACING.

11.

MECHANICAL:

INSERTION FORCE PER POLE MAX 2N (MAX .450 lbf)

WITHDRAWAL FORCE PER POLE MIN 1.2N (MAX .270 lbf)

RECOMMENDED/HIGHEST TIGHTENING TORQUE 0.5/0.6 Nm (4.42/5.30 lbf in)

WIRE STRIPPING LENGTH 4 TO 6 mm (.16 TO .24 in)

OPERATING TEMPRATURE RANGE -40°C TO +110°C (-40°F TO +230°F)

12.

ELECTRICAL:

RATED VOLTAGE : 300 V

RATED CURRENT 12 A

WIRE SIZE RANGE : 14-30 AWG

CONTACT RESISTANCE <15 mΩ

INSULATION RESISTANCE >1000M Ω (500V DC)

CLAMPING SCREW

WIRE ENTRY

TEST FACILITY

2.50

5.00±0.05 TYP

11.5

6.75

9.3

4.2

13.9

4.7

CLAMPING SCREW

WIRE ENTRY

TEST FACILITY

TIN	—	15	3	3-282830-7
0.254um GOLD	—	10	2	3-282830-6
TIN	—	30	6	3-282830-5
TIN	—	15	3	3-282830-4
TIN	—	10	2	3-282830-3
TIN	—	45	9	3-282830-2
TIN	—	30	6	3-282830-1
TIN	—	125	3	3-282830-0
GOLD	—	15	3	2-282830-9
TIN	1, 3 THRU 11	55	10	2-282830-8
TIN	1 THRU 9, 11	55	10	2-282830-7
TIN	—	125	25	2-282830-6
TIN	—	120	24	2-282830-5
TIN	—	115	23	2-282830-4
TIN	—	110	22	2-282830-3
TIN	—	105	21	2-282830-2
TIN	—	100	20	2-282830-1
TIN	—	95	19	2-282830-0
TIN	—	90	18	1-282830-9
TIN	—	85	17	1-282830-8
TIN	—	80	16	1-282830-7
TIN	—	75	15	1-282830-6
TIN	—	70	14	1-282830-5
TIN	—	65	13	1-282830-4
TIN	—	20	4	1-282830-3
TIN	—	60	12	1-282830-2
TIN	—	55	11	1-282830-1
TIN	—	50	10	1-282830-0
TIN	—	45	9	282830-9
TIN	—	40	8	282830-8
TIN	—	35	7	282830-7
TIN	—	30	6	282830-6
TIN	—	25	5	282830-5
TIN	—	20	4	282830-4
TIN	—	15	3	282830-3
TIN	—	10	2	282830-2

REMARKS

CONTACT PLATING

SELECT LOADED

A

NO OF POSN

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN S SCHLEGEL 28AUG2009

CHK C RICHARD 8/28/09

APVD C RICHARD 8/28/09

PRODUCT SPEC

APPLICATION SPEC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

DIMENSIONS:

mm

0 PLC ± -

1 PLC ± 0.2

2 PLC ± 0.15

3 PLC ± -

4 PLC ± -

ANGLES

FINISH

MATERIAL

-

△

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 2

REV L5

TE Connectivity

NAME

TERMINAL BLOCK PLUG 90/180 DEGREE, STRIGHT SIDE STACKABLE, 5.0mm PITCH

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

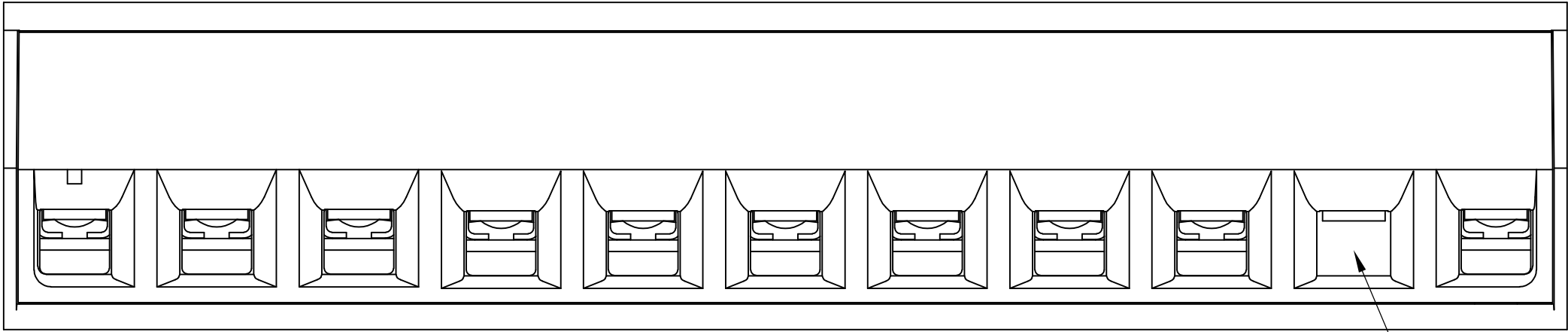
00779

282830

1

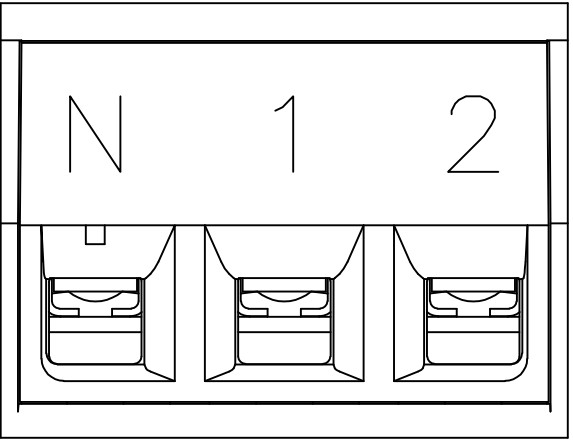
2

L5

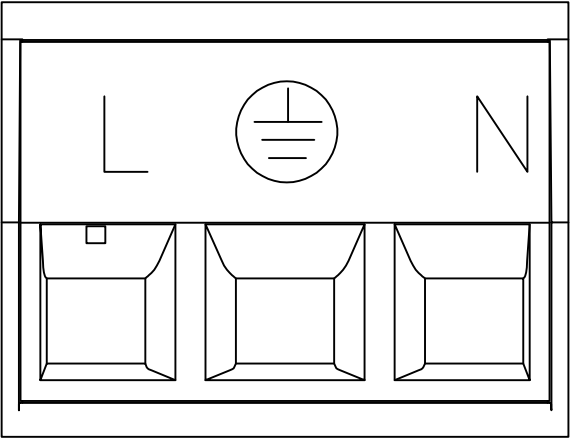


2-282830-7

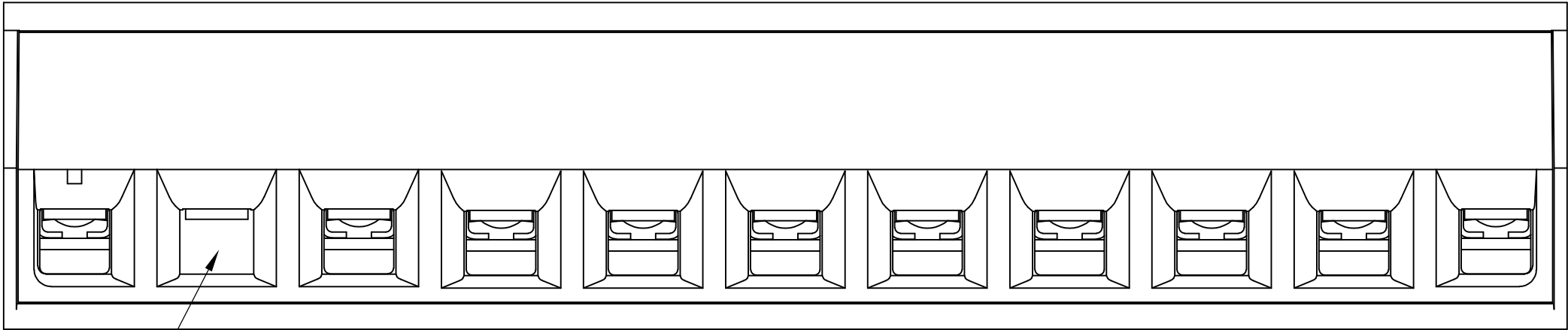
POSITION 10 IS EMPTY



3-282830-0

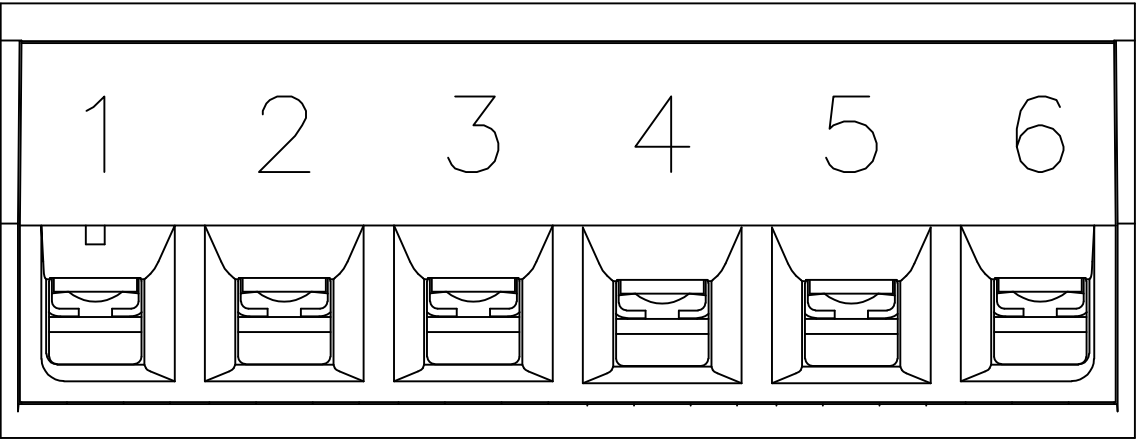


3-282830-7

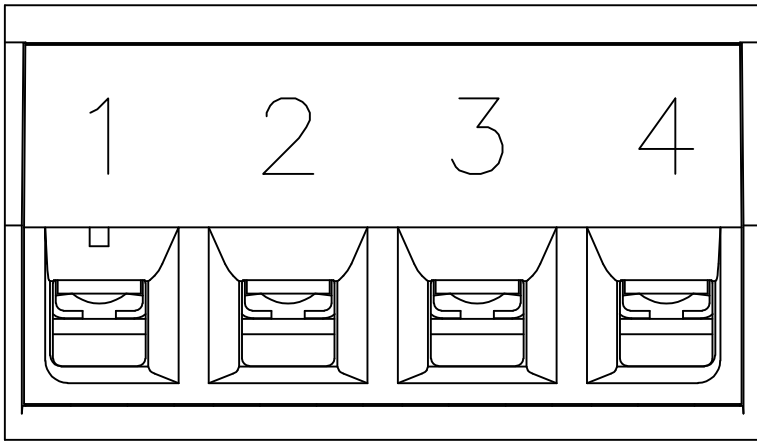


2-282830-8

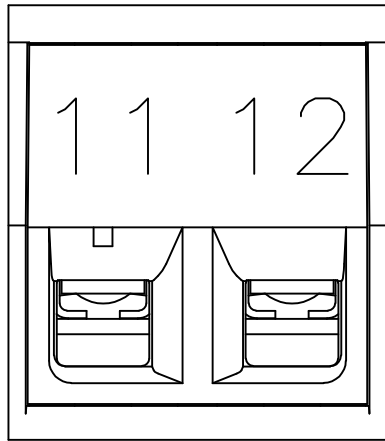
POSITION 2 IS EMPTY



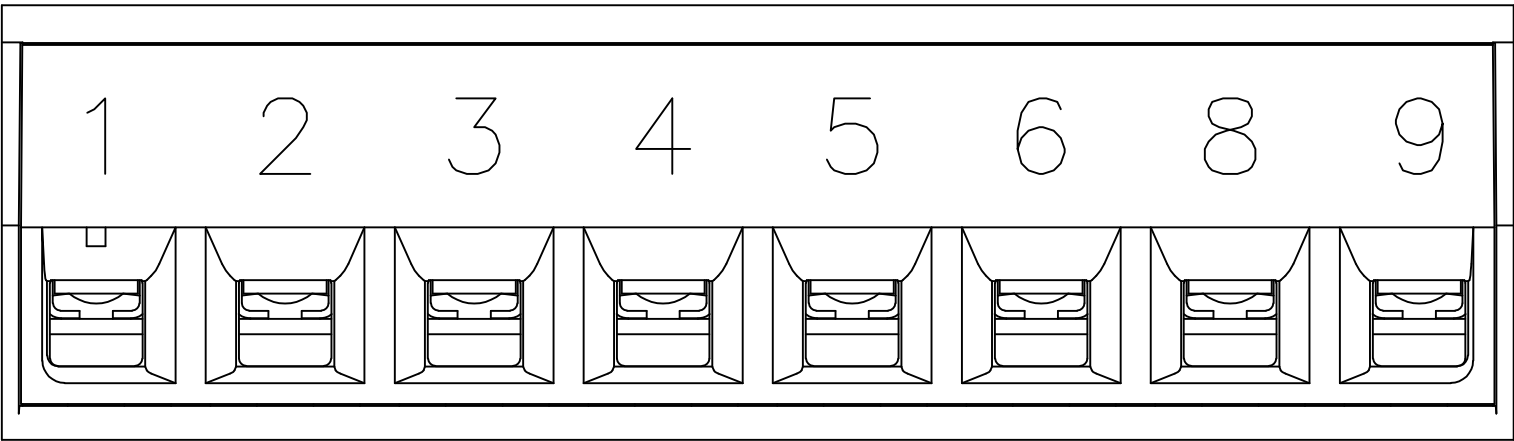
3-282830-1



1-282830-3



3-282830-3



3-282830-2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S

SCHLEGEL

28AUG2009

CHK

C

RICHARD

8/28/09

APVD

C

RICHARD

8/28/09

PRODUCT SPEC

APPLICATION SPEC

—

NAME

TERMINAL BLOCK PLUG 90/180 DEGREE
STRIGHT SIDE STACKABLE, 5.0mm PITCH

—

SIZE

A1

CAGE CODE

00779

DRAWING NO

282830

RESTRICTED TO

—

CUSTOMER DRAWING

SCALE

4:1

SHEET

2

OF

2

REV

L5

DIMENSIONS:

mm

0. PLC

1. PLC

2. PLC

3. PLC

4. PLC

ANGLES

FINISH

±

—

± 0.2

± 0.15

±

—

± 2°

—

4805 (3/11)