

4

THIS DRAWING IS UNPUBLISHED.

3

RELEASED FOR PUBLICATION

2

1

REVISIONS

© COPYRIGHT20

BY -

ALL RIGHTS RESERVED.

7.30

3.45

8.5

3.50±0.35

0.50±0.05
TYP

L±0.70

0.90±0.01
TYP

1.80 REF

3.50±0.10
TYP

5

CLAMPING SCREW

3.5

Ø1.10 +0.10
Ø0.10 0

RECOMMENDED PC BOARD LAYOUT

1. MATERIALS AND FINISH:
HOUSING : PA 6-6, UL 94 VO-RATED, COLOR: GREEN.
TERMINAL : COPPER ALLOY, TIN PLATED.
CLAMP : COPPER ALLOY, NICKEL PLATED.
CLAMPING SCREW : M2, COPPER ALLOY, NICKEL PLATED.

2. MECHANICAL
RECOMMENDED/ HIGHEST TIGHTENING TORQUE : 0.2/0.25 Nm
PCB THICKNESS : MAX 2.4 mm
WIRE STRIPPING LENGTH : 5 - 6 mm

3. ELECTRICAL
WIRE RANGE : 28 - 16 AWG
MAX. VOLTAGE : 300 V
MAX CURRENT : 17.5 A
CONTACT RESISTANCE : < 15 m Ohm
INSULATION RESISTANCE : > 1000 M Ohm (500V DC)

4. OPERATING TEMPERATURE RANGE: -40 °C TO +110 °C

5

TOLERANCE NOT CUMULATIVE.

6

HOUSING COLOUR IS GREEN.

7

HOUSING COLOUR IS BLACK.

5:1

1546551-3 AS SHOWN

87.50

25

2-1546551-5

84.00

24

2-1546551-4

80.50

23

2-1546551-3

77.00

22

2-1546551-2

73.50

21

2-1546551-1

70.00

20

2-1546551-0

66.50

19

1-1546551-9

63.00

18

1-1546551-8

59.50

17

1-1546551-7

56.00

16

1-1546551-6

52.50

15

1-1546551-5

49.00

14

1-1546551-4

45.50

13

1-1546551-3

42.00

12

1-1546551-2

38.50

11

1-1546551-1

35.00

10

1-1546551-0

31.50

9

1546551-9

28.00

8

2842089-8

1546551-8

24.50

7

2842089-7

1546551-7

21.00

6

2842089-6

1546551-6

17.50

5

2842089-5

1546551-5

14.00

4

2842089-4

1546551-4

10.50

3

2842089-3

1546551-3

7.00

2

2842089-2

1546551-2

L

NO OF POSN

7

TE PART NUMBER

6

TE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

0 PLC ±

1 PLC ±0.3

2 PLC ±0.25

3 PLC ±

4 PLC ±

ANGLES ±

FINISH

SEE NOTES

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DWN S.WELDON 30APR2003

CHK C.RICHARD 30APR2003

APVD C.RICHARD 30APR2003

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

TE Connectivity

TERMINAL BLOCK, PCB MOUNT, STRAIGHT, 8.5mm PROFILE, SIDE WIRE ENTRY, 3.5mm PITCH

A2

-

1546551

-

SCALE 7:1

SHEET 1 OF 1

REV A2

1471-9 (3/13)