

4

THIS DRAWING IS UNPUBLISHED.

3

RELEASED FOR PUBLICATION

2

20

1

REVISIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
S.WELDON

30APR2003

CHK
C.RICHARD

30APR2003

APVD
C.RICHARD

30APR2003

NAME

TE Connectivity

PRODUCT SPEC

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

SIZE

A2

CAGE CODE

-

DRAWING NO

1546551

RESTRICTED TO

-

MATERIAL

SEE NOTES

FINISH

SEE NOTES

WEIGHT

-

CUSTOMER DRAWING

SCALE 7:1

SHEET 1

OF 1

REV

A2

BY -

ALL RIGHTS RESERVED.

NOTES

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.

7.30

3.45

8.5

3.50±0.35

0.50±0.05
TYP

0.90±0.01
TYP

3.50±0.10
TYP

1.80 REF

L±0.70

5

CLAMPING SCREW

5:1

1546551-3 AS SHOWN

3.5

Ø1.10 +0.10
Ø0.10 0

RECOMMENDED PC BOARD LAYOUT

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
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Authorized Distributor

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