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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	PACKAGING CHANGED FROM BLACK POLYURETHANE SPONGE TO TRAY	26FEB2018	RK	PS

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

CLAMPING SCREW

3.5

Ø1.10 +0.10
0

Ø0.10

RECOMMENDED PC BOARD LAYOUT

5:1

1546551-3 AS SHOWN

OBSOLETE

87.50	25		1-1546551-7
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

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
WIRE STRIPPING LENGTH : 5.0-6.0 mm
MIN. PC BOARD HOLES DIAMETER : 1.1 mm
MAX. PC BOARD THICKNESS : 2.4 mm
RECOMMENDED TIGHTENING TORQUE FOR SCREW: 0.2 Nm.

3. ELECTRICAL
WIRE RANGE : 16-28 AWG
MAX. VOLTAGE : 300 V
MAX CURRENT : 12 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

8. PACKED IN TRAY.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN S.WELDON 30APR2003

CHK C.RICHARD 30APR2003

APVD C.RICHARD 30APR2003

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

DIMENSIONS: mm

MATERIAL SEE NOTES

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.3

2 PLC ±0.25

3 PLC ±

4 PLC ±

ANGLES ±

FINISH

SEE NOTES

NAME

SIZE A2

CAGE CODE -

DRAWING NO C-1546551

RESTRICTED TO -

TE Connectivity

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

SCALE 7:1

SHEET 1 OF 1

REV B

1471-9 (3/13)