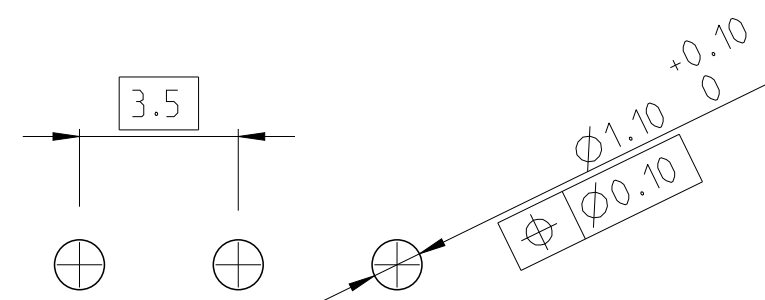
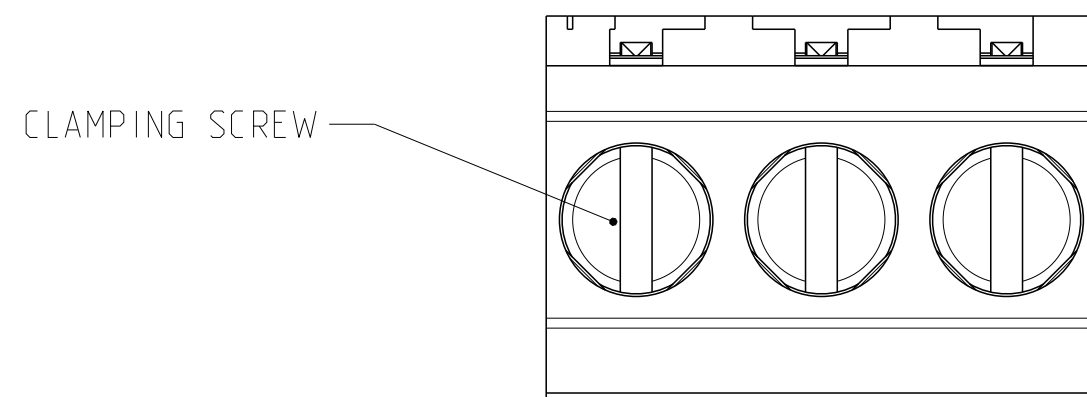
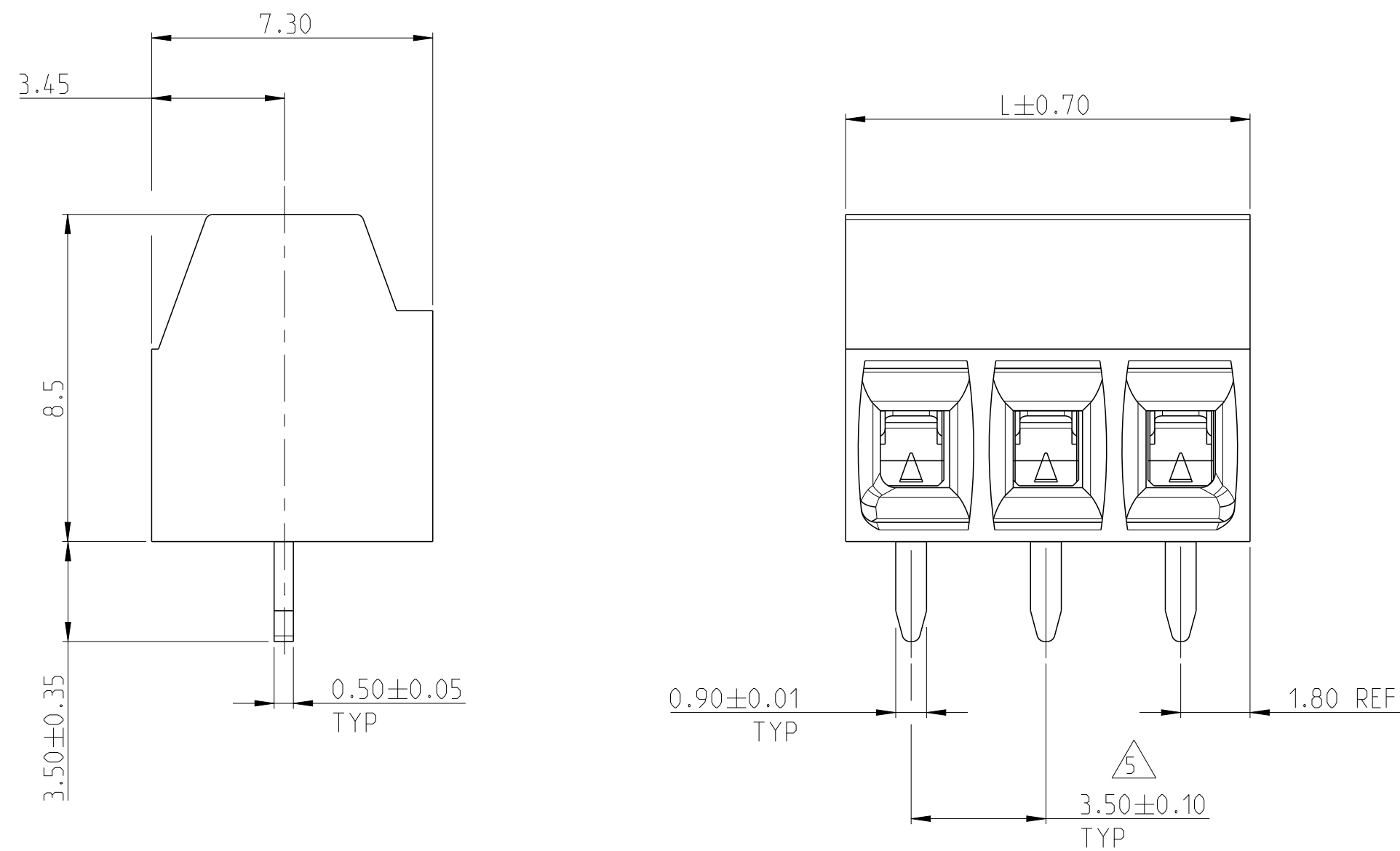


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	PART STATUS CHANGE TO DISCONTINUNACE	01JUL2026	NS	PS

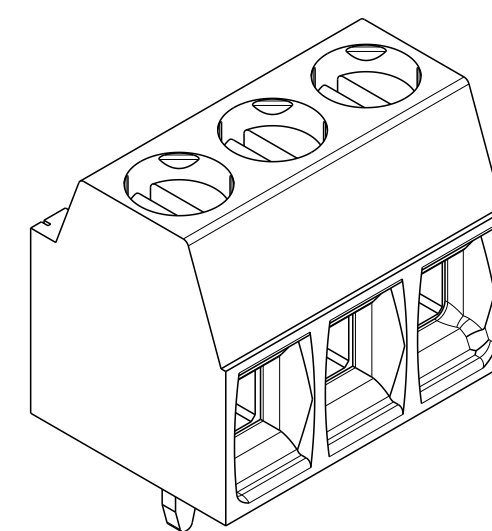


RECOMMENDED PC BOARD LAYOUT

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.

OBSOLETE	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
OBSOLETE	38.50	11		1-1546551-1
OBSOLETE	35.00	10		1-1546551-0
OBSOLETE	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	 TE PART NUMBER	 TE PART NUMBER



1546551-3 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.WELDON	30APR2003		 TE Connectivity		
		CHK C.RICHARD	30APR2003				
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD C.RICHARD	30APR2003		NAME		
	0 PLC ±	PRODUCT SPEC	TERMINAL BLOCK, PCB MOUNT, STRAIGHT, 8.5mm PROFILE, SIDE WIRE ENTRY, 3.5mm PITCH				
	1 PLC ±0.3	-					
	2 PLC ±0.25	-					
	3 PLC ±	APPLICATION SPEC					
4 PLC ±	-	-	SIZE CAGE CODE DRAWING NO RESTRICTED TO				
MATERIAL	FINISH	WEIGHT					
SEE NOTES	SEE NOTES	-	A2		-	C=1546551	-
CUSTOMER DRAWING			SCALE 7:1		SHEET 1 of 1		REV B1