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RELEASED FOR PUBLICATION

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REVISIONS

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	NEW RELEASE	02FEB2015	CR	PS

NOTES:

- MATERIALS & FINISH  
HOUSING : PA6.6 , UL94 V0, COLOUR -GREEN  
PIN : COPPER ALLOY, TIN PLATED
- MECHANICAL  
INSERTION FORCE PER POLE : MAX 3N  
WITHDRAWAL FORCE PER POLE: MIN 1.5N  
MAX PCB THICKNESS: 2.4mm
- ELECTRICAL  
WIRE RANGE : 30 - 12 AWG  
VOLTAGE RATING : 300 V  
CURRENT RATING : 15 A  
CONTACT RESISTANCE : <15 m Ohm  
INSULATION RESISTANCE : > 1000 M Ohm (500V DC)
- OPERATING TEMPERATURE RANGE: -40 °C TO +110 °C

△ TOLERANCE NOT CUMULATIVE

Technical drawings of the Eurostyle pin header. The front view shows a 3-pin header with a pitch of 5.00 mm. Dimensions include a total width of A+5, a pin-to-pin distance of 5.00 mm, a pin diameter of 1.4 mm, and a pin length of 2.5 mm. The side view shows a total length of 12.0 mm, a pin height of 7.75 mm, a pin diameter of 1.4 mm, and a pin length of 2.6 mm. A 3:1 magnification detail shows the pin tip with a diameter of 1.4 mm and a tolerance of +0.1 mm.

RECOMMENDED PCB LAYOUT

Recommended PCB layout diagram showing the placement of the three pins. The pitch between pins is 5.00 mm. The diameter of the pin is 1.4 mm with a tolerance of +0.1 mm. The diameter of the hole in the PCB is 0.1 mm.

-3 AS SHOWN

3D perspective view of the Eurostyle pin header, showing the housing and the three pins. A 3:1 magnification detail is shown above the pins.

120	25	2-1986980-5
115	24	2-1986980-4
110	23	2-1986980-3
105	22	2-1986980-2
100	21	2-1986980-1
95	20	2-1986980-0
90	19	1-1986980-9
85	18	1-1986980-8
80	17	1-1986980-7
75	16	1-1986980-6
70	15	1-1986980-5
65	14	1-1986980-4
60	13	1-1986980-3
55	12	1-1986980-2
50	11	1-1986980-1
45	10	1-1986980-0
40	9	1986980-9
35	8	1986980-8
30	7	1986980-7
25	6	1986980-6
20	5	1986980-5
15	4	1986980-4
10	3	1986980-3
5	2	1986980-2

DIM "A" NO OF POS. PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	02FEB2015	TE Connectivity	
		CHK	02FEB2015		
		APVD	02FEB2015		
		PRODUCT SPEC			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm				EUROSTYLE PIN HEADER, PITCH 5.0mm	
		0 PLC	±	270 DEGREE, MODULAR	
		1 PLC	±0.2	SIZE	
		2 PLC	±0.15	CAGE CODE	
		3 PLC	±	DRAWING NO	
		4 PLC	±	RESTRICTED TO	
		ANGLES	±2°	A3 00779 C-1986980	
MATERIAL		FINISH		SCALE	
SEE NOTE 1		SEE NOTE 1		4:1	
				SHEET	
				1 OF 1	
				REV	
				A	

1470-19 (3/13)