omniconnect

P.C.B. connectors

Spacing 5.08 mm

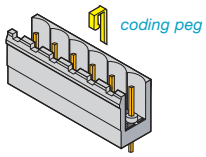
Body : UL94 V0

CE

Plug shape
TILE

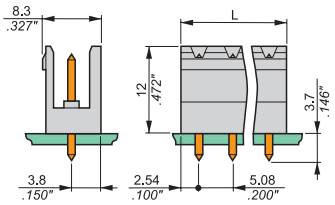
L 255 100

Vertical socket open



Spacing 5.08 mm *.200"*

Pin 1 x 1 x 3.7 mm
.039" x .039" x .145"



Thickness P.C.B. ≤ 2.4 mm - *.094"*
P.C.B. holes Ø 1.3 mm +0.1 - *.051"* dia.

Part number

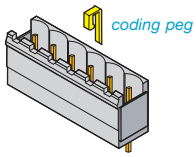
Spacing 5.08 mm Grey body

N. Poles		L. mm
2	**L 255 102 01 000**	10.16
3	**L 255 103 01 000**	15.24
4	**L 255 104 01 000**	20.32
5	**L 255 105 01 000**	25.40
6	**L 255 106 01 000**	30.48
7	**L 255 107 01 000**	35.56
8	**L 255 108 01 000**	40.64
9	**L 255 109 01 000**	45.72
10	**L 255 110 01 000**	50.80
12	**L 255 112 01 000**	60.96
14	**L 255 114 01 000**	71.12
15	**L 255 115 01 000**	76.20
16	**L 255 116 01 000**	81.28
18	**L 255 118 01 000**	91.44

Other numbers of poles 19...30, consult us

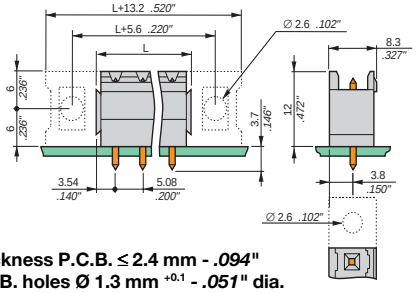
L 255 100 1

Vertical socket closed



Spacing 5.08 mm *.200"*

Pin 1 x 1 x 3.7 mm
.039" x .039" x .145"



Thickness P.C.B. ≤ 2.4 mm - *.094"*
P.C.B. holes Ø 1.3 mm +0.1 - *.051"* dia.

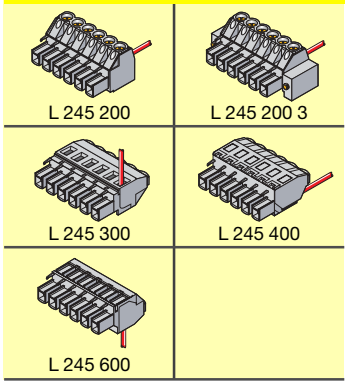
Part number

Spacing 5.08 mm Grey body

N. Poles		L. mm
2	**L 255 102 11 000**	12.16
3	**L 255 103 11 000**	17.24
4	**L 255 104 11 000**	22.32
5	**L 255 105 11 000**	27.40
6	**L 255 106 11 000**	32.48
7	**L 255 107 11 000**	37.56
8	**L 255 108 11 000**	42.64
9	**L 255 109 11 000**	47.72
10	**L 255 110 11 000**	52.80
12	**L 255 112 11 000**	62.96
14	**L 255 114 11 000**	73.12
15	**L 255 115 11 000**	78.20
16	**L 255 116 11 000**	83.28
18	**L 255 118 11 000**	93.44

Other numbers of poles 19...30, consult us

Mating plugs for sockets



Characteristics

		Wire size			
		DIN-VDE	UL	CSA	NFC-UTE
Solid					
Stranded					
		Voltage			
V	~	250 Gr.C	300	300	250 Cat.C
	=	250 Gr.C			250 Cat.C
		Current at 20° C			
A		12	10	10	12
		Rated wire size			

Other characteristics

	Wire stripping length	Recomm. screwdriver	Recomm. torque	Protection

Max. working temperature :	85 °C
Contact resistance :	≤ 5 mΩ
Contact plating :	gold plating on request

Approvals

Accessories

		Type	Part number	Type	Part number
1	Coding peg		**L 299 085 06 000**		**L 299 085 06 000**
2	Flange assembly				**L 299 063 00 000**
R	See section on marking — Marking method	Marking using adhesive strips 1...25	**L 93 025 05 100**	Marking using adhesive strips 1...25	**L 93 025 05 100**