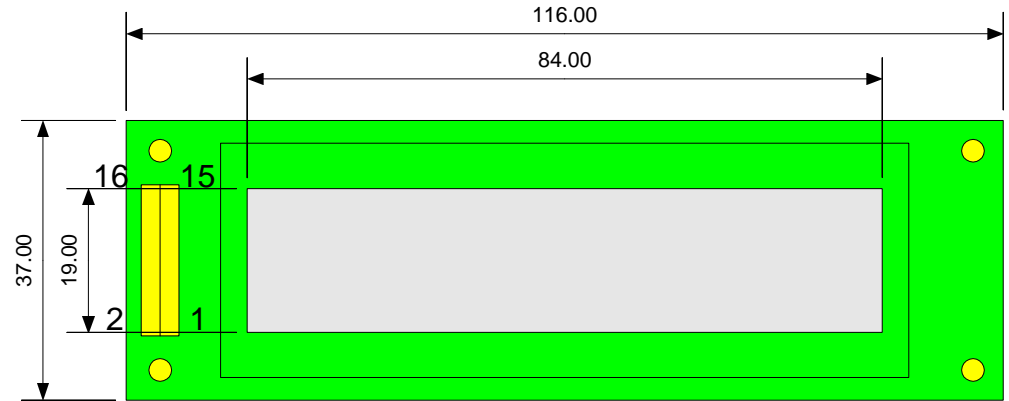


4 line x 20 character LCD



2 line x 20 character LCD

Display Addressing

4 x 20 module

line 1 = 00,01,02,03,04,05,06,07,08,09,0A,0B,0C,0D,0E,0F,10,11,12,13
 line 2 = 14,15,16,17,18,19,1A,1B,1C,1D,1E,1F,20,21,22,23,24,25,26,27
 line 3 = 40,41,42,43,44,45,46,47,48,49,4A,4B,4C,4D,4E,4F,50,51,52,53
 line 4 = 54,55,56,57,58,59,5A,5B,5C,5D,5E,5F,60,61,62,63,64,65,66,67

2x20 module

line 1 = 00,01,02,03,04,05,06,07,08,09,0A,0B,0C,0D,0E,0F,10,11,12,13
 line 2 = 40,41,42,43,44,45,46,47,48,49,4A,4B,4C,4D,4E,4F,50,51,52,53

Pin Functions (both modules)

1	= 0V
2	= +5V
3	= CONTRAST
4	= RS
5	= R/W
6	= E
7	= D0
8	= D1
9	= D2
10	= D3
11	= D4
12	= D5
13	= D6
14	= D7
15	= Backlight +V
16	= Backlight 0V

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LCD details #1