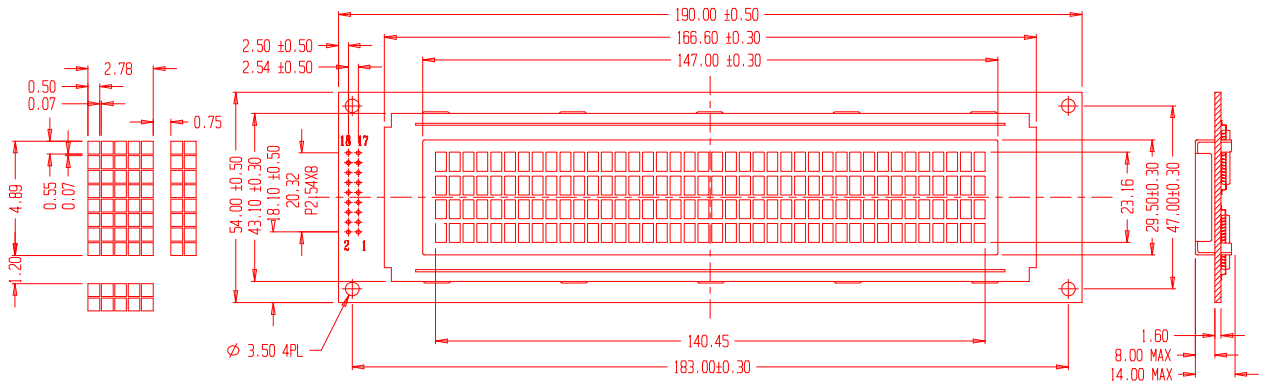


## ! Physical data

Item	Contents	Unit
LCD type	STN	---
LCD duty	1/16	---
LCD bias	1/5	---
Viewing direction	6	o'clock
Module size (WxHxT)	190 x 54 14MAX (7.68" x 2.13" x 0.55"MAX)	mm
Viewing area (WxH)	147 x 29.5 (5.79" x 1.16")	mm
Number of characters (charactersxlines)	40 x 4	---
Character matrix (WxH)	5 x 8	dots
Character size (WxH)	2.78 x 4.89 (0.109" x 0.193")	mm
Dot size (WxH)	0.50 x 0.55 (0.020" x 0.022")	mm
Dot pitch (WxH)	0.57 x 0.62 (0.022" x 0.024")	mm

## ! External dimensions



## ! Block diagram

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
VSS	VDD	VO	RS	R/W	E1	E2	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	NC	SLA	SLK

