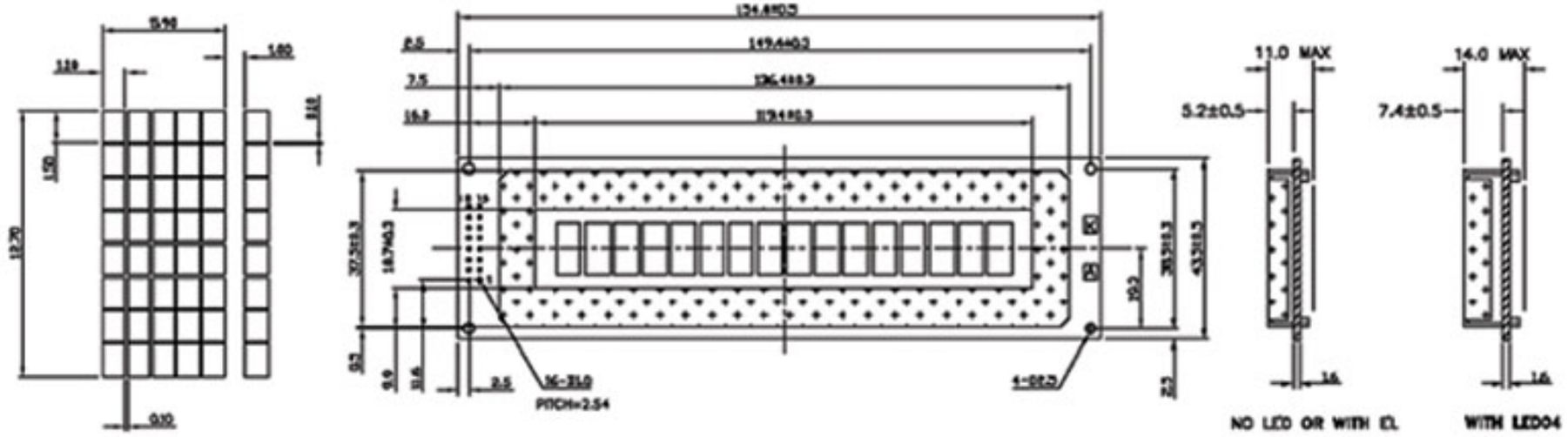
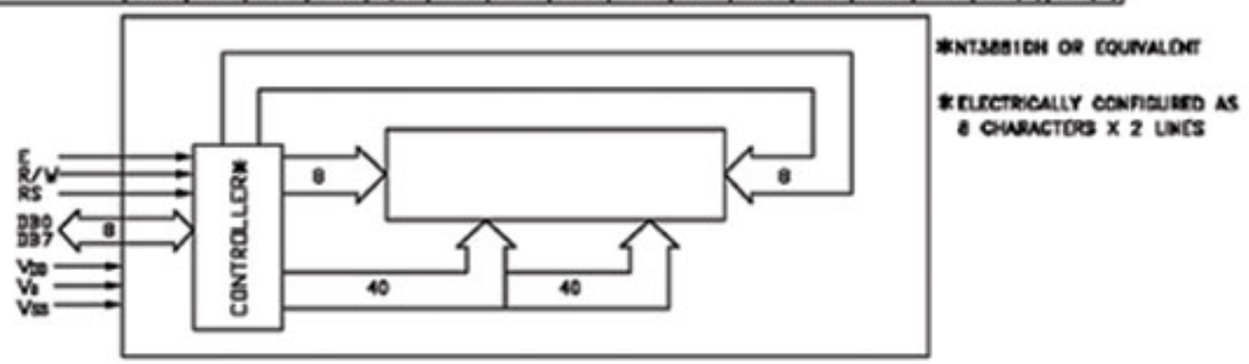
FEMA ELECTRONICS CORPORATION

16 X 2 LCD CHARACTER MODULE
FEMA P/N: CM161C

PACKAGE DIMENSIONS / PIN ASSIGNMENT



14 PIN CONNECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	A	K
16 PIN CONNECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	VSS	VDD	V0	RS	R/W	E	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	LED(+)	LED(-)



*NT3881DH OR EQUIVALENT

*ELECTRICALLY CONFIGURED AS 8 CHARACTERS X 2 LINES

MECHANICAL SPECIFICATIONS

Parameter	Specifications	Unit
Outline dimensions	154.4(W) x 43.5(H) x 14.0 MAX.(D)	mm
Effective viewing area	119.4(W) x 18.7(H)	mm
Display format	16 characters x 1 line	-
Character size	5.90(W) x 12.70(H) (5 x 8 dots)	mm
Character spacing	1.00(W)	mm
Character pitch	6.90(W)	mm
Dot size	1.10(W) x 1.50(H)	mm
Dot spacing	0.10(W) x 0.10(H)	mm
Dot pitch	1.20(W) x 1.60(H)	mm
Weight	TBD	grams