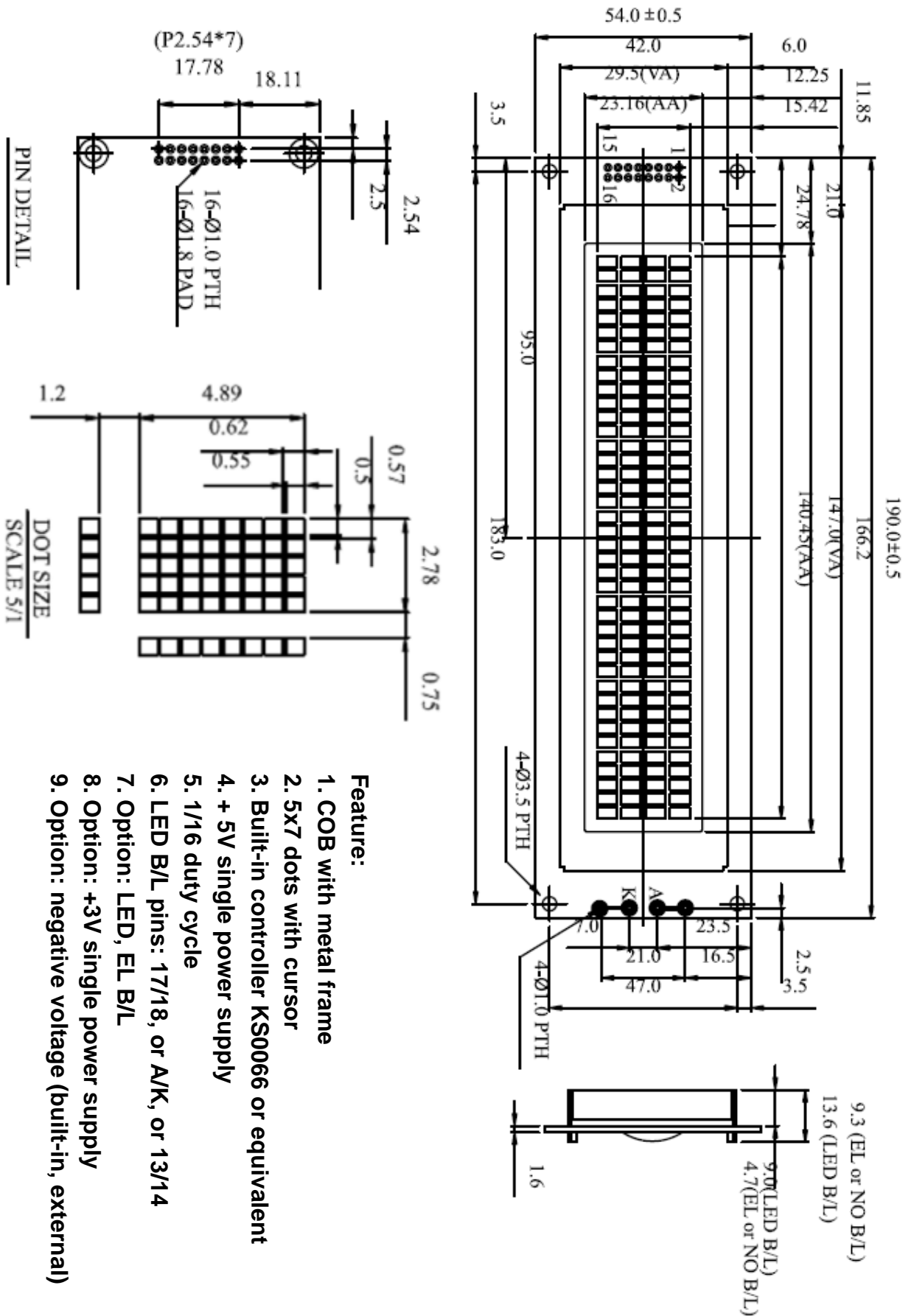


1.0 DIMENSIONAL DRAWING



2.0 ELECTRICAL CHARACTERISTICS

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	V_{DD}	$V_{DD} = +5V$	5.0	V
Supply Current	I_{DD}	$V_{DD} = +5V$	3.0	mA
LCD Driving Voltage	$V_{DD}-V_O$	25.0°C	4.5	V
LED Forward Voltage	V_F	25.0°C	4.2	V
LED Forward Current	I_F	25.0°C	600	mA
EL Power Voltage	V_{EL}	$V_{EL}=110Vac/400Hz$		V

3.0 PIN ASSIGNMENT

PIN NO.	Symbol	Function
1~8	DB7~DB0	Data bus line
9	E1	H→L enable signal IC1
10	R/W	H/L read/write
11	RS	Register select
12	V_O	Contrast adjustment
13	V_{SS}	GND
14	V_{DD}	+5V (+3V option)
15	E2	H→L enable signal IC2
16	NC/ V_{EE}	NC/Negative voltage output
17	A	Power supply for B/L (+)
18	K	Power supply for B/L (GND)

Remark

1. LCD option: STN, FSTN.
2. Customized module.
3. Backlight option: EL backlight feature, other specs not available on catalog are under request.