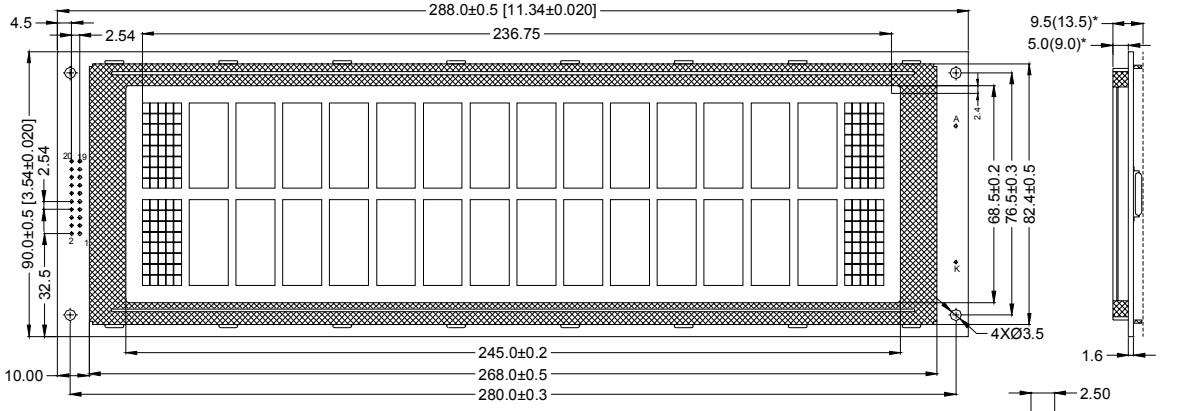
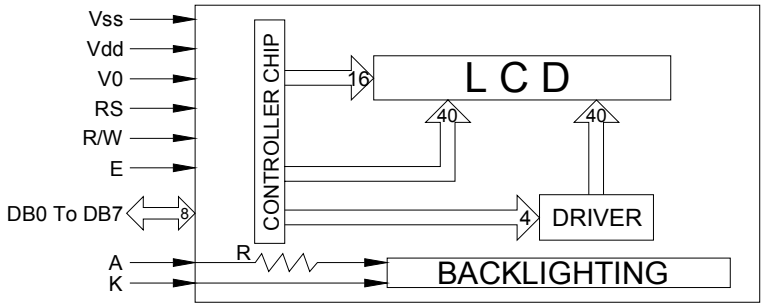
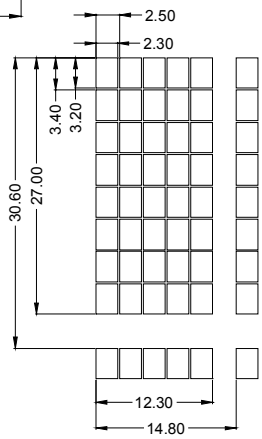
LM16214 [16 x 2, 1/16 MUX]

DIMENSION IN MM



BLOCK DIAGRAM





[*] DIMENSIONS FOR LED BACKLIGHT VERSION

TABULATED DATA

MODEL	DISPLAY FORMAT CHAR. x LINE	FONT MATRIX W x H	DRIVING DUTY	DOT SIZE W x H	CHARACTER SIZE W x H	VIEWING AREA W x H	PCB SIZE W x H
LM16214	16 x 2	5 x 8	1/16	2.30 x 3.20	12.3 x 27.0	245.0 x 68.5	288.0 x 90.0

ELECTRICAL DATA (Ta = 25°C, Vdd = +5V + 0.25V)

ITEM	SYMBOL	TEST CONDITION	STANDARD VALUES			UNITS
			MIN.	TYP.	MAX.	
Input High Voltage	V_{iH}	-	2.2	-	Vdd	V
Input Low Voltage	V_{iL}	-	-0.3	-	0.6	V
Output High Voltage	V_{oH}	I_{oH} = 0.2mA	2.4	-	-	V
Output Low Voltage	V_{oL}	I_{oL} = 1.2mA	-	-	0.4	V
Supply Current	I_{dd}	V_{dd} = 5.0V	-	1.2	2.0	mA
Operating Voltage for LCD	V_{dd}-V_o	Ta = 0°C	-	4.7	-	V
		Ta = 25°C	-	4.5	-	V
LED Backlight Current	I_{LED}	V_{dd} = 5.0V	200	240	280	mA

PIN DETAILS

PIN No.	DESCRIPTION	PIN No.	DESCRIPTION
1	Gnd	5	R / $\overline{W}$
2	Vcc	6	E
3	Vo	7 to 14	DB0 to DB7
4	RS	A & K	LED BL A & K

MAX. RATING

Item	MAX.
Top	-15 to +65°C
Tst	-20 to +70°C
Vdd	+5 Volts
RH%	90 %

OPTIONAL DETAILS

Wide configurations available. Kindly contact LAMPEX while ordering. Refer LAMPEX **LCM Catalog** for more Information.

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CAUTION: STATIC SENSITIVE DEVICES