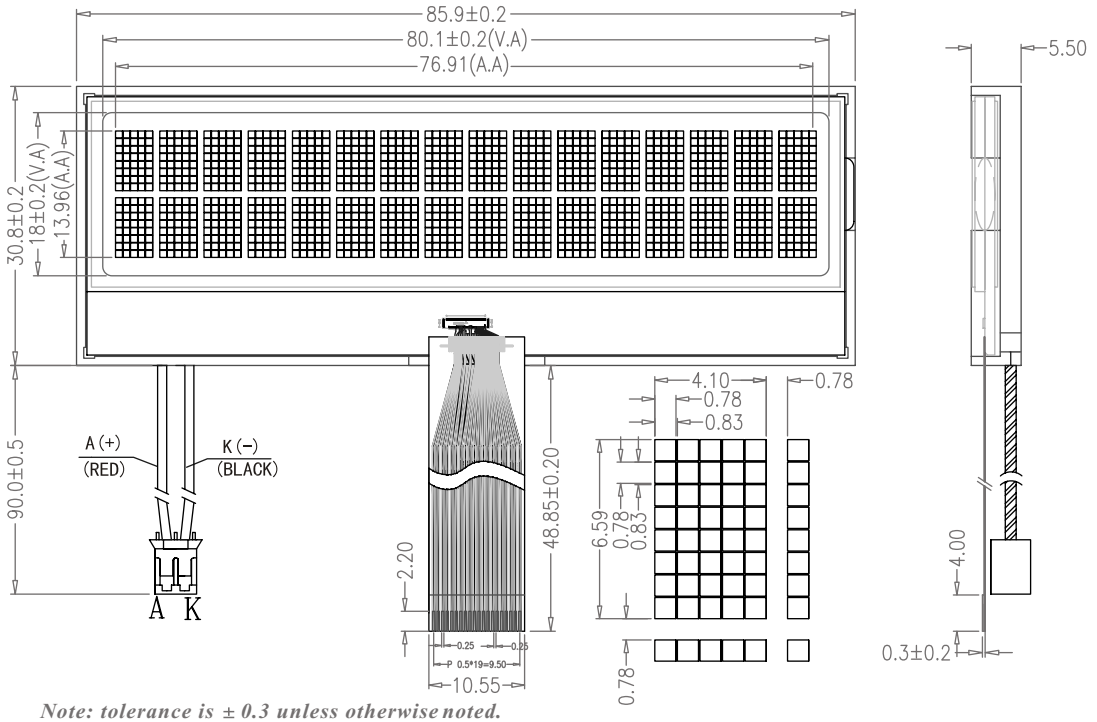
■ CHARACTERISTICS:

DISPLAY CONTENT：16×2 CHARACTERS
LCD TYPE: FSTN
LED BACKLIGHT: WHITE
CONTROLLER: ST7032 OR EQUAL
OPERATING TEMPERATURE: NORMAL(0–50℃); WIDE(–20–70℃)
POWER SUPPLY: 3.3V
VIEWING ANGLE: 6H; 12H

■ DIMENSIONS/DISPLAY CONTENT

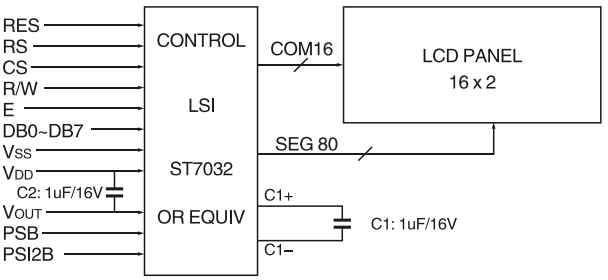


Note: tolerance is ± 0.3 unless otherwise noted.
Unit: mm

■ PIN CONFIGURATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RES	RS	CS	R/W	E	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	V_{SS}	V_{DD}	V_{OUT}	PSB	PSI2B	CAP1P	CAP1N

■ PARAMETER (V_{DD}=5.0 ± 10%, V_{SS}=0V, Ta=25℃)

Parameter		*Symbol*	*Standard Values*			*Unit*
			Min.	*Typ.*	*Max*	
Supply voltage		V_{DD}-V_{SS}	2.7	3.3	5.5	V
Input voltage	H	V_{IH}	2.2	-	V_{DD}	
	L	V_{IL}	-0.3	-	0.6	
LCD Drive Voltage		-	-	5.0	-	
Operating current		I_{DD}	-	1.2	3.0	mA

■ APPLICATION CIRCUIT