

iLM755 COG SERIES

CHARACTERISTICS:

DISPLAY CONTENT: 16 × 2 CHARACTERS

LCD TYPE: FSTN

LED BACKLIGHT: WHITE

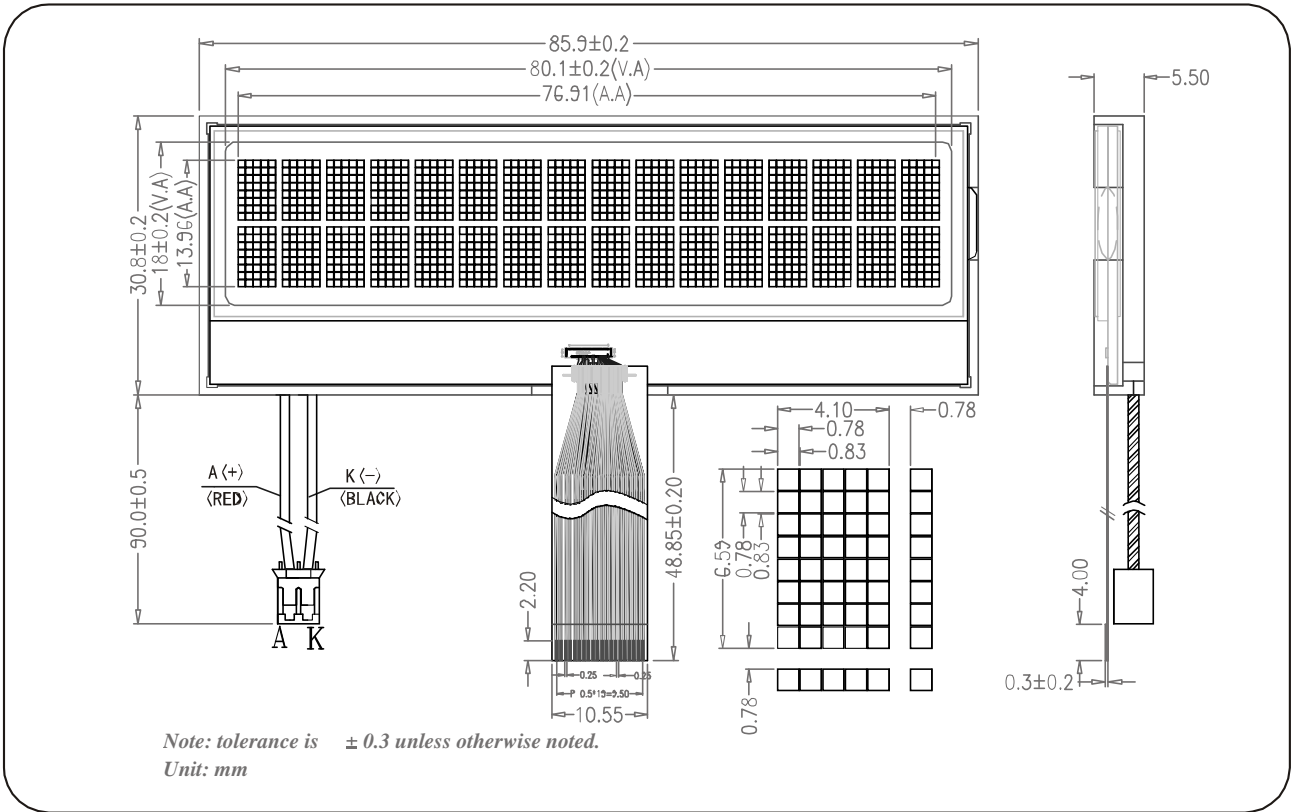
CONTROLLER: ST7032 OR EQUAL

OPERATING TEMPERATURE: NORMAL(0–50°C); WIDE(–20–70°C)

POWER SUPPLY: 3.3V

VIEWING ANGLE: 6H; 12H

DIMENSIONS/DISPLAY CONTENT



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, T_a=25°C)

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

