

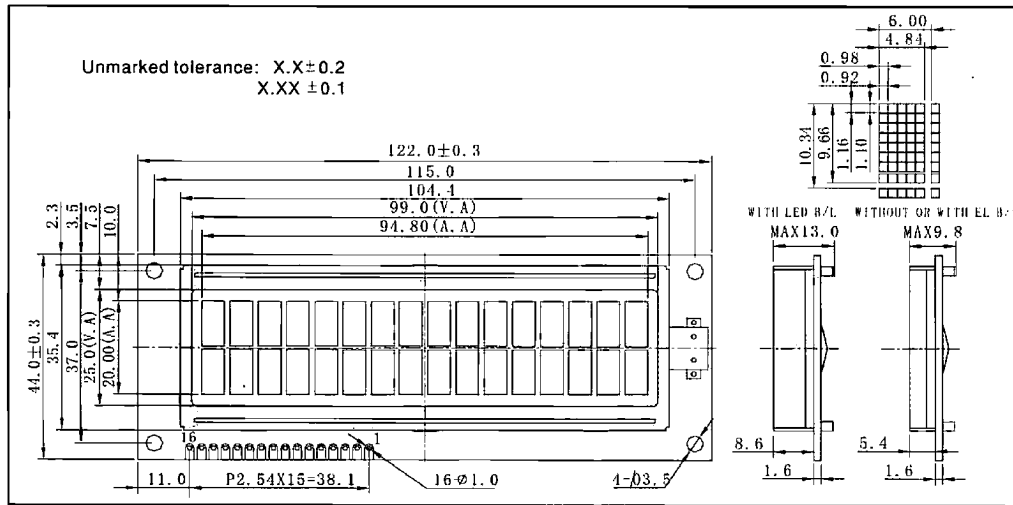
LCD-AC-1602C-YIY Y/G-E6 C PBF

Wyświetlacz 2x16 z podświetlaniem LED (Y/G)

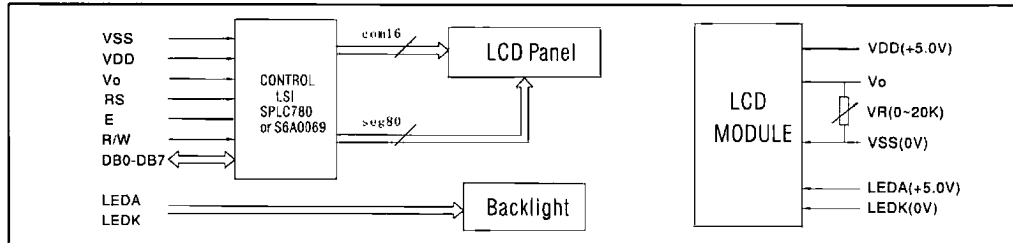
STN rozszerzony zakres temperatury BIG (LCD-A-1602E-205)

CHARACTER-COB ABC016002C Series 16x2 CHARACTERS 1/16 DUTY, 1/5 B
HY-1602E

OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size (W*H*T)	122.0x44.0x13.0	LCD Type	STN, TN, HTN, FSTN
View Area (W*H)	99.0x25.0	LCD Colour	STN:Yellow-Green, Gray Other:Gray
Character Pitch(W*H)	6.00x10.34	View Angle	6 O'clock, 12 O'clock
Character Size(W*H)	4.84x9.66	Display Type	Positive Type, Negative Type
Character Font	5x8	Rear polarizer	Transmissive, Reflective, Transflective
Dot Pitch (W*H)	0.98x1.16	Operating Temperature	0°C ~ 50°C, -20°C ~ 70°C
Dot Size (W*H)	0.92x1.10	Backlight	LED:Yellow EL, Green, Blue-Green, Blue Without

ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25°C	---	5.0	---	V
Operating Voltage for LCD	Vlcd	Ta=25°C	---	5.0	---	V
Supply Current	Idd	Ta=25°C, Vdd=5.0V	---	2.0	3.0	mA
Supply Current for Backlight(LED)	Ii	Ta=25°C, Vi=4.2V	---	160	---	mA

INTERFACE PIN CONNECTIONS

Pin No.	Symbol	Level	Description
1	LEDK	--	Power supply for Backlight(-)
2	LEDA	--	Power supply for Backlight(+)
3	VSS	--	Ground for Logic
4	VDD	--	Power supply for Logic
5	Vo	--	Power supply for LCD drive
6	RS	H/L	Register selection (H:Data register, L:Instruction register)
7	R/W	H/L	Read/write selection (H:Read, L:Write)
8	E	H/H-L	Enable signal for LCM
9-16	DB0-DB7	H/L	Data Bus lines