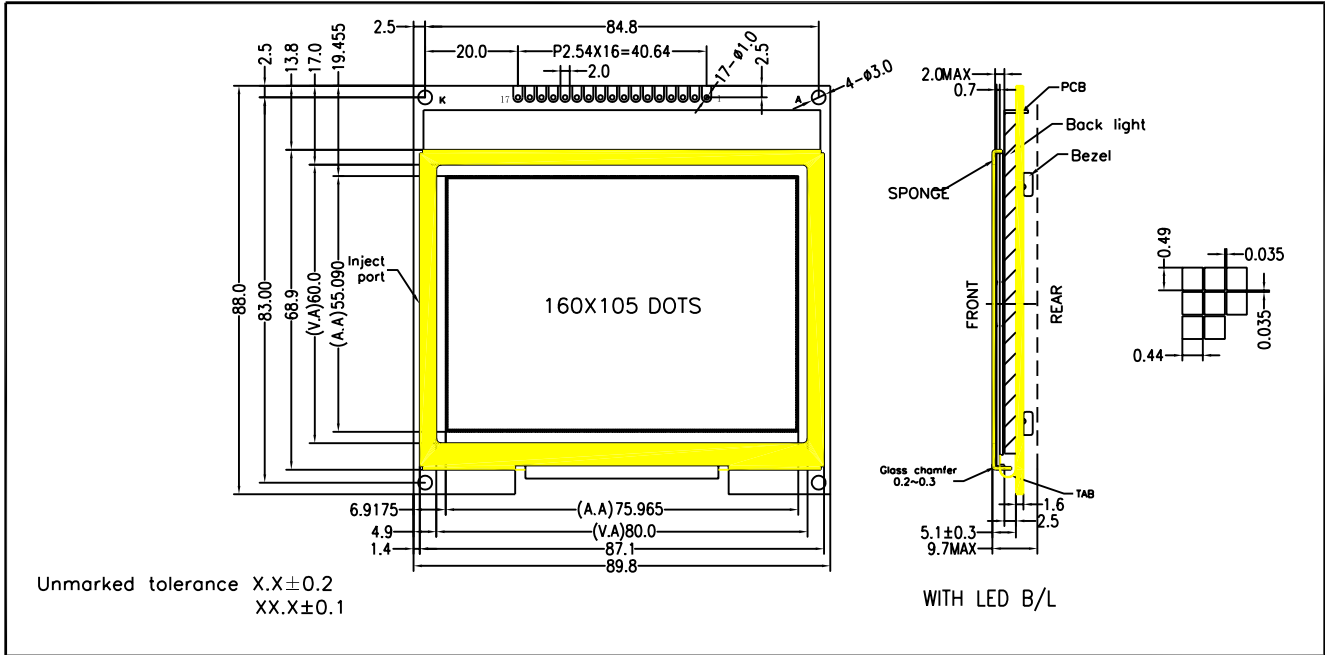
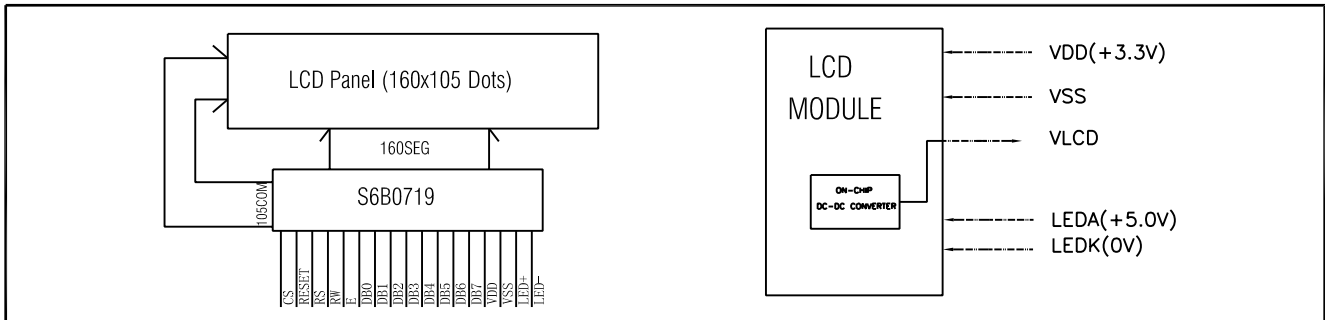


OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size (W*H*T)	89.8x88.0x9.7	LCD Type	STN、FSTN
View Area (W*H)	80.0x60.0	LCD Colour	STN:Yellow-Green、Gray FSTN:Gray
DotsxDots (W*H)	160x105	View Angle	6 O'clock、12 O'clock
Dot Pitch (W*H)	0.475x0.525	Display Type	Positive Type、Negative Type
Dot Size (W*H)	0.44x0.49	Rear polarizer	Transmissive、Reflective、Transflective
---	---	Operating Temperature	0°C ~ 50°C、-20°C ~ 70°C
---	---	Backlight	LED:Yellow-green、White、Blue

ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25°C	---	3.3	---	V
Operating Voltage for LCD	Vlcd	Ta=25°C	---	12.4	---	V
Supply Current	Idd	Ta=25°C, Vdd=5.0V	---	1.0	1.5	mA
Supply Current for Backlight(LED)	If	Ta=25°C, Vf=3.1V	---	80	---	mA

INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description
1	CS1	L	Chip select signal
2	/RST	L	Reset signal
3	RS	H/L	Register selection (H:Data register, L:Instruction register)
4	R/W	H/L	Read/write selection (H:Read,L:Write)
5	E-RD	H/L	Enable signal for LCM
6-13	DB0-DB7	H/L	Data Bus lines
14	VDD	--	Power supply for Logic(+5.0V)
15	VSS	--	Ground for Logic
16	LEDA	--	Power supply for Backlight(+)
17	LEDK	--	Power supply for Backlight(-)

REMARK

Old No:CMTG160105A