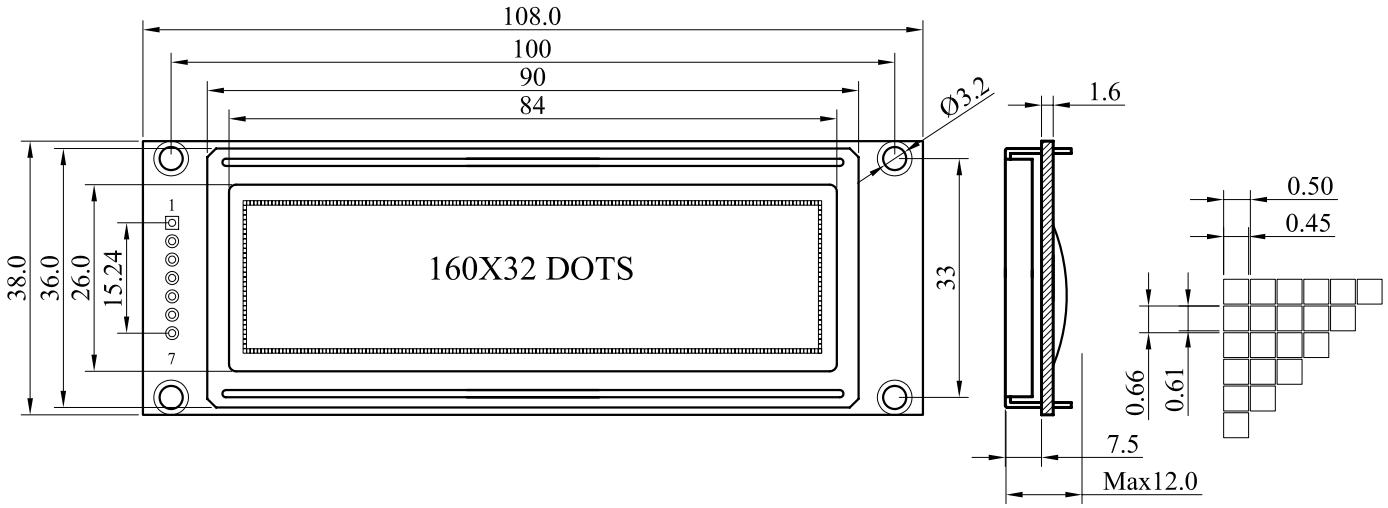
16032-5 160 X 32 Dots 1/32duty 1/6.7bias



ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	Vdd - Vss	-0.3	7.0	V
Supply Voltage(LCD)	Vdd - V0	-0.3	25.0	V
Input Voltage	Vi	-0.3	Vdd + 0.3	V
Operating Temp.	Topr	-20	70	℃
Storage Temp.	Tstg	-30	80	℃

MECHANICAL DATA

Item	Max.	Unit
Module Size (W X H X T)	108.0 X 38.0 X 12.0	mm
Viewing Area(W X H)	84.0 X 26.0	mm
Dot Pitch(W X H)	0.50 X 0.66	mm
Dot Size(W X H)	0.45 X 0.61	mm
View Angle	6 or 12 O'Clock	

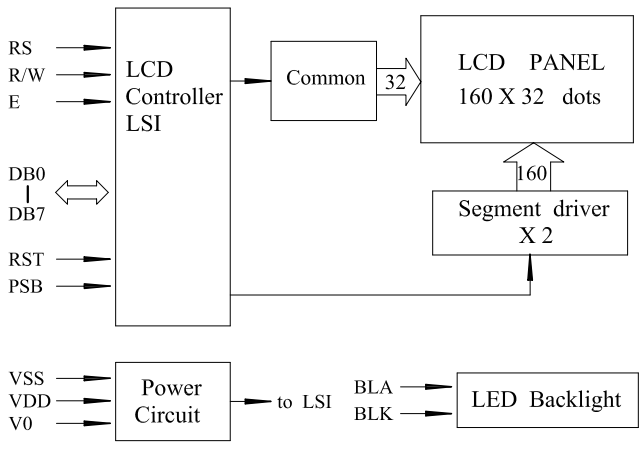
ELECTRICAL CHARACTERISTICS (Vdd=5V± 0.25V)

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Input High Voltage	Vih	--	2.0	--	Vdd	V
Input Low Voltage	Vil	--	-0.3	--	0.8	V
Output High Voltage	Voh	Ioh=-0.2mA	2.4	--	Vdd	V
Output Low Voltage	Vol	Iol=-1.6mA	0	--	0.4	V
Supply Current	Idd	Vdd=5.0V	--	5.0	8.0	mA
LCD Driving Voltage	Vdd - V0	Ta=25 ℃	--	4.7	--	V

PIN CONNECTIONS

Pin	Symbol	Level	Function
1	VSS	0V	Power GND
2	VDD	+5V	Power supply for logic
3	RS	H/L	H:Data L:Instruction code
4	R/W	H/L	H:Read L:Write
5	E	H/L	Enable signal
6	RST	L	Reset signal, active"L"
7	BLA	+5V	Power supply for LED backlight

BLOCK DIAGRAM



LCD Type

LCD Color	Blacklight
Blue	