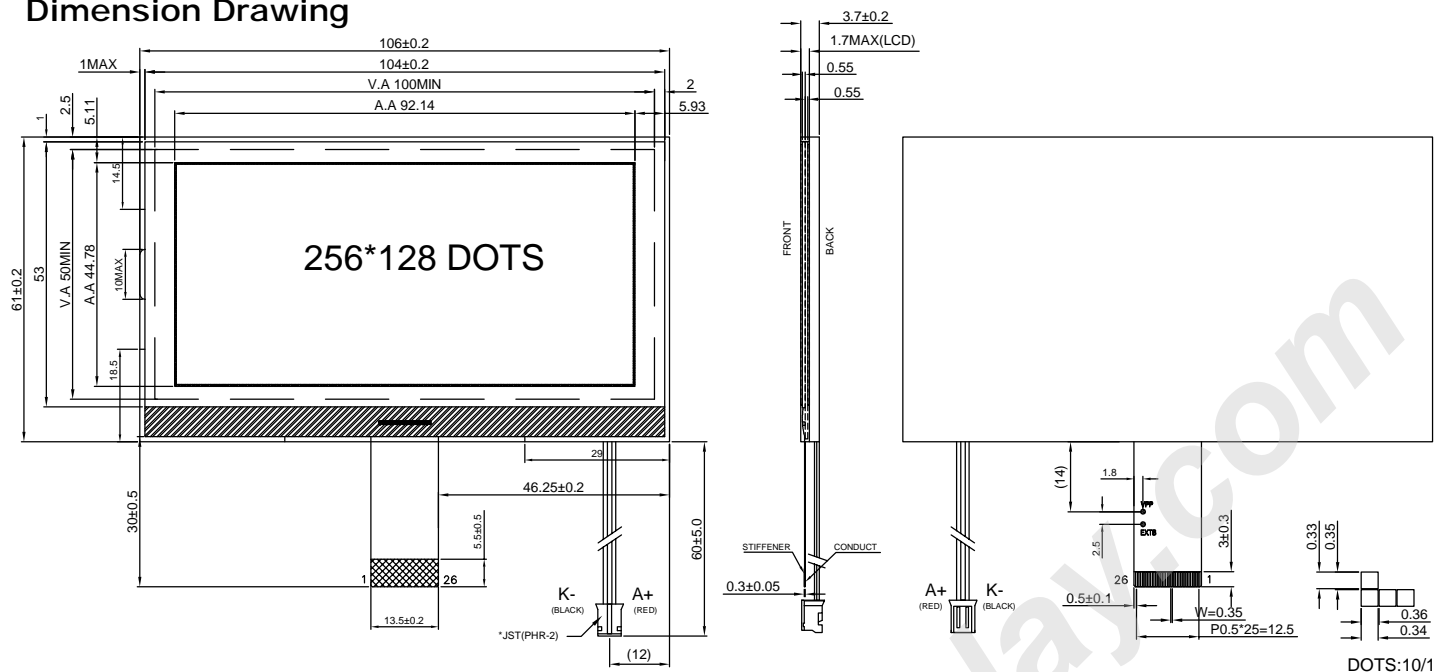


Dimension Drawing



TOLERANCES UNLESS OTHERWISE STATED
X.X ±0.20 X.XX ±0.10 UNIT: mm

Feature:

1. 256 x 128 dots graphic display
2. Built-in controller ST75256
3. +3.3V power supply
4. 1/128 Duty cycle
5. STN or FSTN Mode
6. Match all kind colors of LED back light
7. ROHS compliant

Interface Pin Connections

PIN NO.	Symbol	PIN NO.	Symbol
1	ESD(GND)	14	A0
2	VM	15	ERD
3	VG	16	RWR
4	VO	17	RSTB
5	XVO	18	DB0
6	CA1P	19	DB1
7	CA1N	20	DB2
8	VDDA	21	DB3
9	VDDI	22	DB4
10	VSS	23	DB5
11	IF1	24	DB6
12	IF0	25	DB7
13	CSB	26	ESD(GND)

Mechanical Data

Item	Standard	Unit
Module dimension	106.0 x 61.0	mm
Viewing area	100.0 x 50.0	mm
Dots pitch	0.35 x 0.36	mm
Dots size	0.33 x 0.34	mm

Absolute Maximum Rating

Item	Symbol	Standard			Unit
		Min	Typ	Max	
Power supply	VDD-VSS	-0.3	---	4.0	V
Input voltage	Vin	-0.4	---	Vdd+0.5	

Electronical Characteristics

Item	Symbol	Condition	Standard			Unit
			Min	Typ	Max	
Input voltage	VDD	+3.0V	1.7	3.0	3.6	V
Supply current	I _{DD}	VDD=3V	----	800	1000	uA
Recommended LCD driving voltage for normal temp version module	V5-VDD (VDD=3V)	-20 °C	12.5	----	----	V
		0 °C	12.2	12.5	----	
		25 °C	12.2	12.5	12.8	
		50 °C	----	12.2	12.5	
		70 °C	----	----	12.2	
LED forward voltage	V _F	25 °C	----	3.1	3.3	V
LED forward current	I _F	25 °C Edge	----	90	120	mA