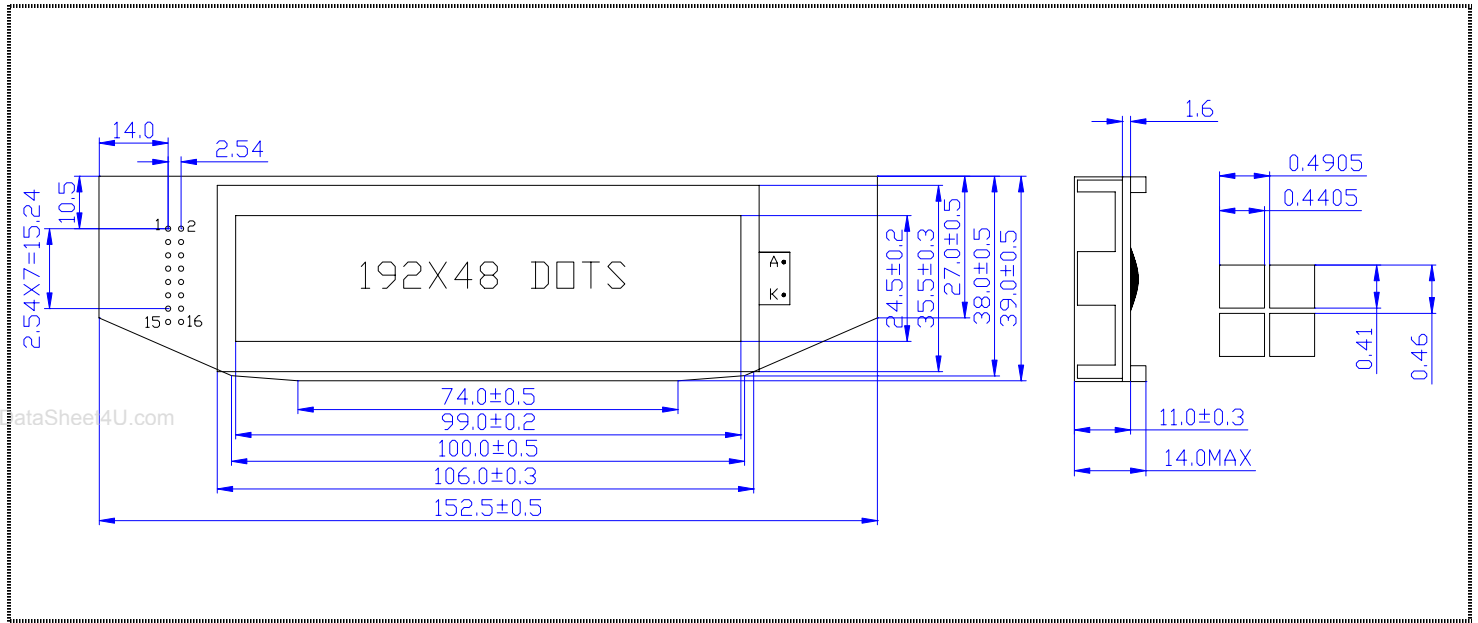


RT19248-2.1A

SHENZHEN RUIITE ELECTRONIC CO., LTD
 Address: 深圳市宝安区79区西乡流塘107国道1-3栋8楼
 Tel: 86-755-27931867, 27931884, 27931806, 27931875
 FAX: 86-755-27931864 Postcode: 518102
 E-Mail: ruite168@21cn.com Http://www.ruitelcd.com



MECHANICAL DATA		
Item	Nominal Dimensions	Unit
Module Size(W×H×T)	152.5 × 39.0 × 14.0	mm
Viewing Area(W×H)	99.0 × 24.5	mm
Dot Pitch(W×H)	0.4905 × 0.46	mm
Dot Size(W×H)	0.4405 × 0.41	mm

PIN CONNECTIONS			
PIN	Symbol	Level	Function
1	VSS	—	GND(0V)
2	VDD	—	Supply Voltage for Logic(+5V)
3	V0	—	Power Supply for LCD
4	RS	H/L	H: Data ; L: Instruction Code
5	RW	H/L	H: Read; L: Write
6	E	H/L	Enable signal
7	DB0	H/L	Data Bus Line
8	DB1	H/L	
9	DB2	H/L	
10	DB3	H/L	
11	DB4	H/L	
12	DB5	H/L	
13	DB6	H/L	
14	DB7	H/L	
15	CSA	H/L	Chip Selection: CSA=0,CSB=0:U5;
16	CSB	H/L	CSA=1,CSB=0:U4; CSA=0,CSB=1:U3;

ABSOLUTE MAXIMUM RATINGS					
Item	Symbol	Min	Type	Max	Unit
Operating Voltage	VDD	4.5	5.0	5.5	V
Operating Current	IDD	6.5	8.1	9.5	mA
LED Voltage	V _{LED}	4.5	5.0	5.5	V
LED Current	I _{LED}	60	98	130	mA
Operating Temp.	T _{opr}	-10	—	+65	
Storage Temp.	T _{sto}	-30	—	+80	

ELECTRICAL CHARACTERISTICS					
Item	Symbol	Min	Type	Max	Unit
Input Hight Voltage	V _{IH}	0.7VDD	—	VDD	V
Input Low Voltage	V _{IL}	0	—	0.3VDD	V
Output Hight Voltage	V _{OH}	2.4	—	VDD	V
Output Low Voltage	V _{OL}	0	—	0.4	V

