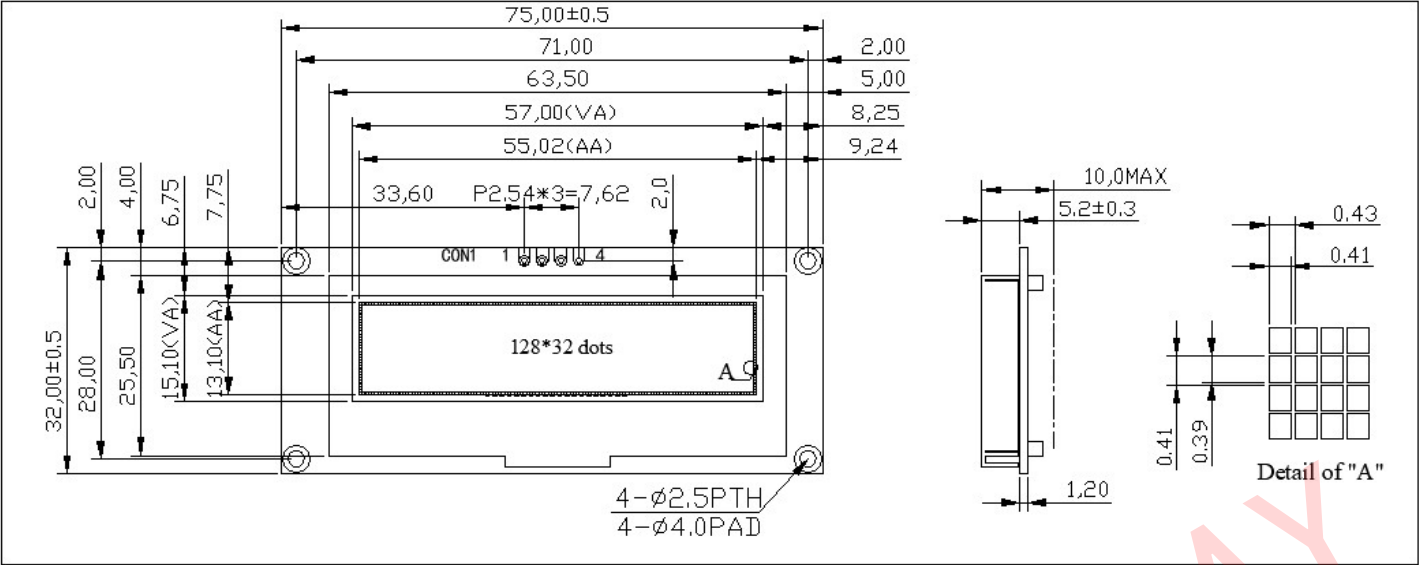




PIN CONNECTIONS

Pin	Symbol	Level	Function
1	V _{SS}	0V	Ground
2	V _{DD}	+5V	Power supply for Logic
3	TX	-	Data sent
4	RX	-	Data reception

NOTES:

1. +5V/+3.3V power supply optional
2. RS232 interface optional
3. Display color: YELLOW/GREEN/BLUE optional

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	75.0X32.0X10.0	mm
Viewing Area (W x H)	57.0X15.1	mm
Dot Pitch (W x H)	0.43X0.41	mm
Dot Size (W x H)	0.41X0.39	mm

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V _{DD} -V _{SS}	-0.3	5.5	V
Input Voltage	V _I	V _{SS}	V _{DD}	V
Operating Temp.	T _{OPR}	-40	80	°C
Storage Temp.	T _{STG}	-40	80	°C

ELECTRICAL CHARACTERISTICS (V_{DD}=5V, a=25°C)

Item	Symbol	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	0.8 V _{DD}	-	-	V
Input Low Voltage	V _{IL}	-	-	0.2V _{DD}	V
Output High Voltage	V _{OH}	0.9 V _{DD}	-	-	V
Output Low Voltage	V _{OL}	-	-	0.1V _{DD}	V
Supply Current	I _{DD}	-	TBD	-	mA
		50% display area on, V _{DD} =5.0V			