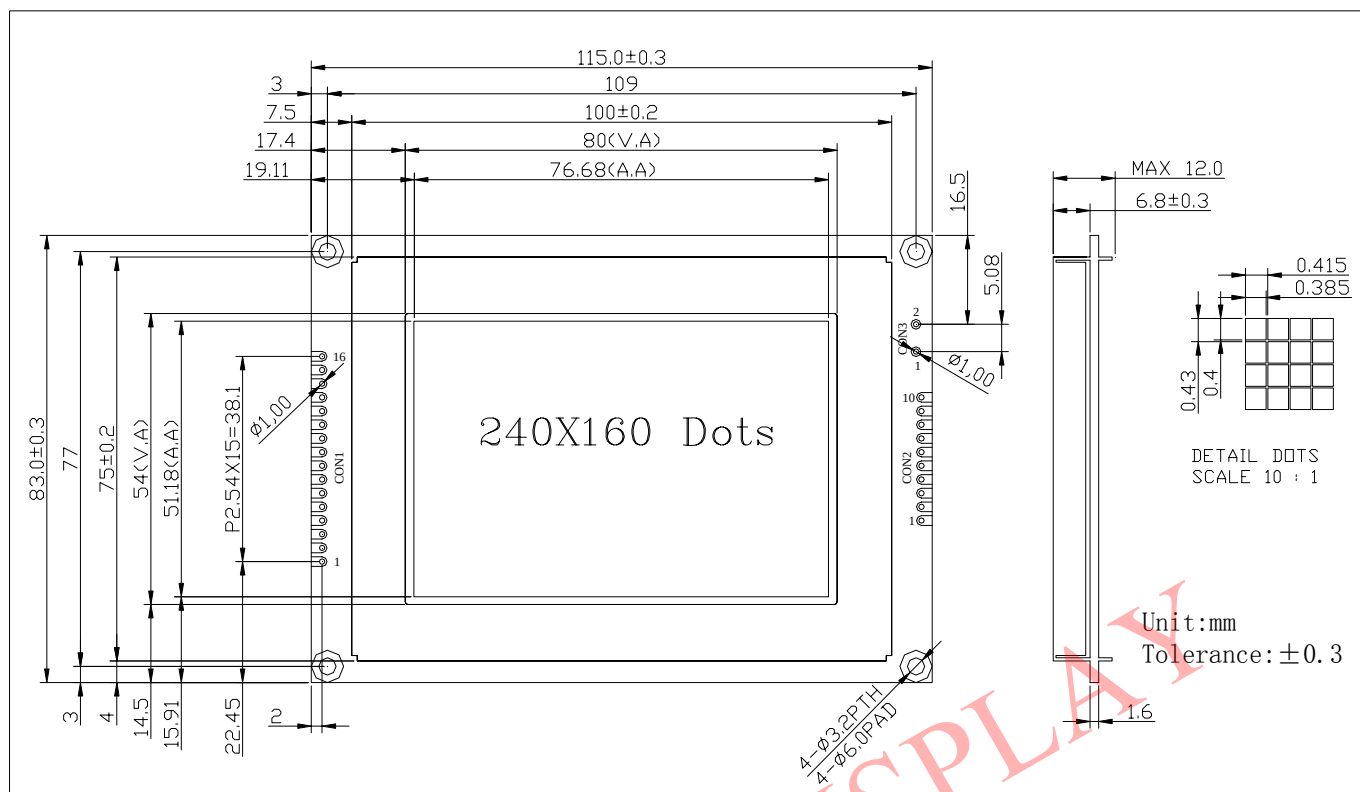




PIN CONNECTIONS(CON1)

Pin	Symbol	Level	Function
1	VSS	0V	GND
2	VDD	+3.3V	Power supply for logic
3	LEDC	H/L	L: LED off H: LED on
4	A0	H/L	H: Instruction code L: Date
5	/WR	L	Write signal
6	/RD	L	Read signal
7~14	DB0 ~ DB7	H/L	Data bus
15	/CS	L	Chip select, active "L"
16	/REST	L	Reset signal, active "L"

NOTES:

1. Built-in controller(RA8835)
2. Parallel(8080-Serials) interface
3. FSTN, COG

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	115.0X83.0X12.0	mm
Viewing Area (W x H)	80.0 X54.0	mm
Dot Pitch (W x H)	0.415X0.43	mm
Dot Size (W x H)	0.385X0.40	mm

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	V _{DD} -V _{SS}	0	7.0	V
Operating Temp	T _{OPR.}	-20	70	°C
Storage Temp	T _{STG.}	-30	80	°C

ELECTRICAL CHARACTERISTICS(V_{DD}=3.3V, Ta=25°C)

Item	Sym.	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	0.5V _{DD}	--	V _{DD}	V
Input Low Voltage	V _{IL}	0	--	0.2V _{DD}	V
Output High Voltage	V _{OH}	V _{DD} -0.4	--	--	V
Output Low Voltage	V _{OL}	--	--	V _{SS} +0.4	V
Supply Current	I _{DD}	-	TBD	-	mA

LED BACKLIGHT SPECIFICATION (Ta=25°C)

Item	Forward Voltage	Forward Current
White	3.0V	If=60 mA