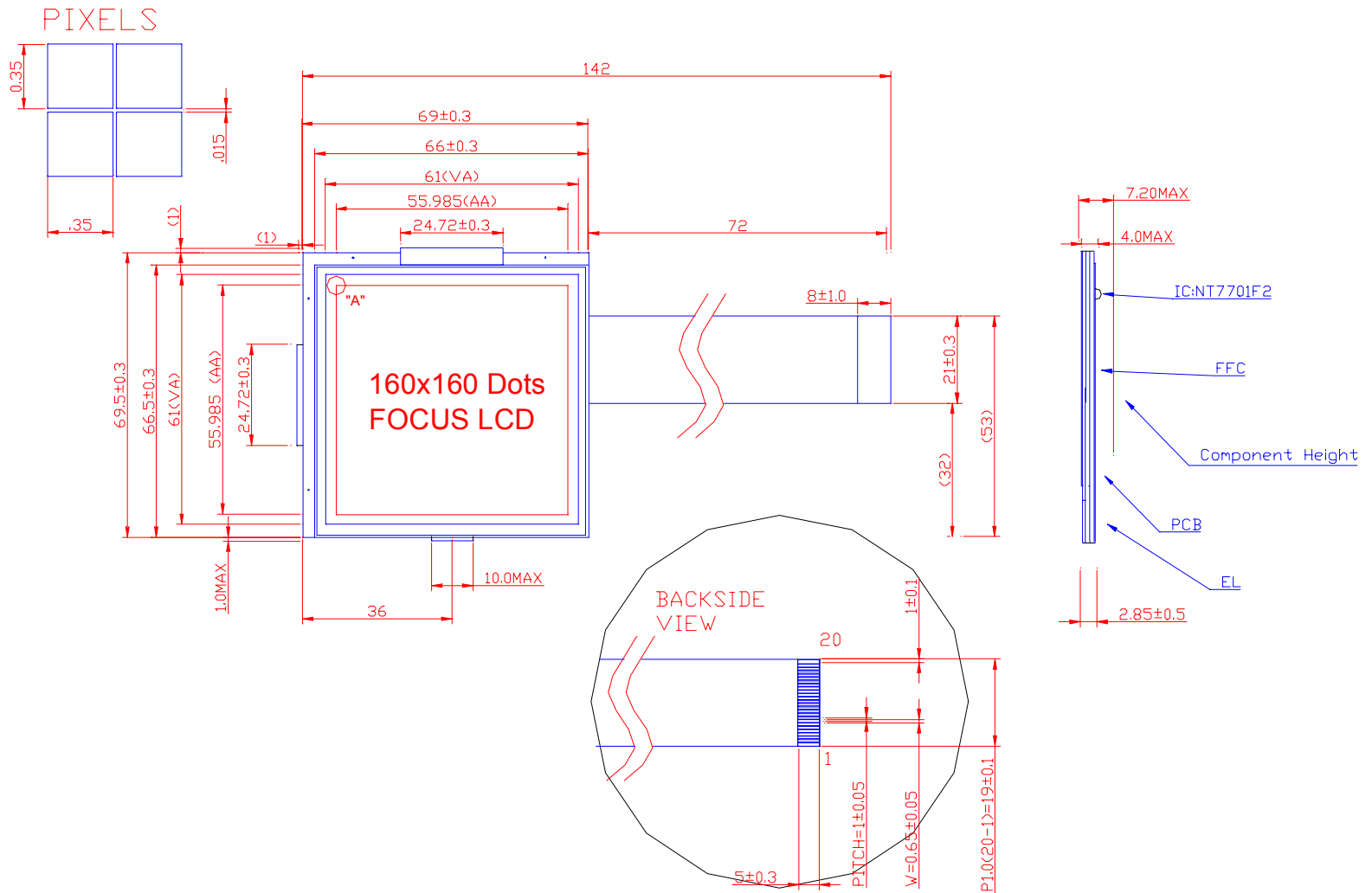


# FOCUS DISPLAY SOLUTIONS

[WWW.FOCUSLCD.COM](http://WWW.FOCUSLCD.COM)

FDS160X160(69X69)YTG



## Absolute Maximum Rating

ITEM	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
Power supply for logic	V <sub>DD-VSS</sub>	T <sub>a</sub> = 25°C	-0.3	---	+7.0	V
Power supply for LCD Driving	V <sub>LCD</sub>	T <sub>a</sub> = 25°C	-0.3	---	+17.0	V
Input Voltage	V <sub>IN</sub>	T <sub>a</sub> = 25°C	-0.3	---	V <sub>DD</sub> +0.3	V
Operation Temperature	T <sub>OPR</sub>	---	-20	---	+70	°C

Storage Temperature	T <sub>STG</sub>	---	-30	---	+80	°C
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### Interface Pin Connections

NO	SYM	FUNCTION
1	V <sub>SS</sub>	Reset LCD Module
2	V <sub>4</sub>	Read Signal
3	V <sub>3</sub>	Write Signal
4	V <sub>2</sub>	Chip Select Signal
5	V <sub>1</sub>	Data Type Select
6	V <sub>0</sub>	Data Bus Input Signal
7	C2-	Data Bus Input Signal
8	C2+	Data Bus Input Signal
9	C1-	Data Bus Input Signal
10	C1+	Data Bus Input Signal
11	C3-	Data Bus Input Signal
12	C3+	Data Bus Input Signal
13	V <sub>out</sub>	Data Bus Input Signal
14	V <sub>DD</sub>	Power Supply Logic
15	V <sub>SS</sub>	Ground
16	PS	Connect Resister to Adjustment LCM Contrast
17	C68	Connect Resister to Adjustment LCM Contrast
18	DB7(SID)	EL Enable Signal
19	DB6(SCLK)	Power Supply for EL Driver Circuit
20	-	Power Supply for EL Driver Circuit

#### MECHANICAL SPECIFICATIONS:

ITEM	SPECIFICATIONS	UNIT
OUTLINE DIMENSIONS	142.0(W) x 71.5(H) x 7.0(T) MAX	mm
VIEWING AREA	61.0(W) x 61.0(H)	mm
ACTIVE AREA	55.985(W) x 55.985(H)	mm
DISP. CONSTRUCTION	160 x 160 dots	
NUMBER OF DOTS	160 x 160	Dots
DOT SIZE	0.35(W) x 0.35(H)	mm
DOT PITCH	0.335(W) x 0.335(H)	mm
ASSY. TYPE	TAB	
BACKLIGHT	Electro-Luminescence (Blue-Green)	
WEIGHT	Approx. 35	9