

## LCD 240x128 / CCFL

Mechanisch und elektrisch passend zu MT/GR-C Typen

### Displayauflösung

240 x 128 Pixel

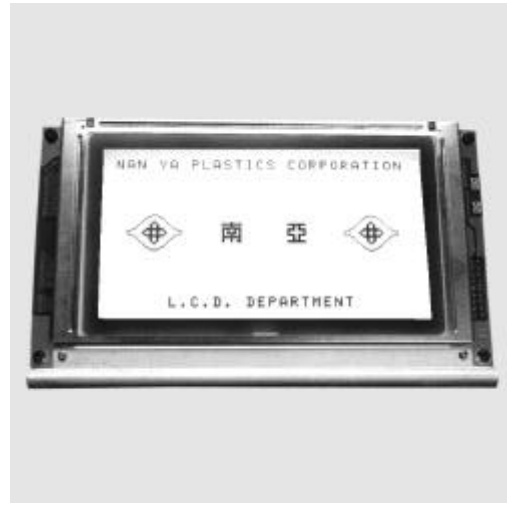
### Displayfarbe

Schwarz / Weiß, invertierbar

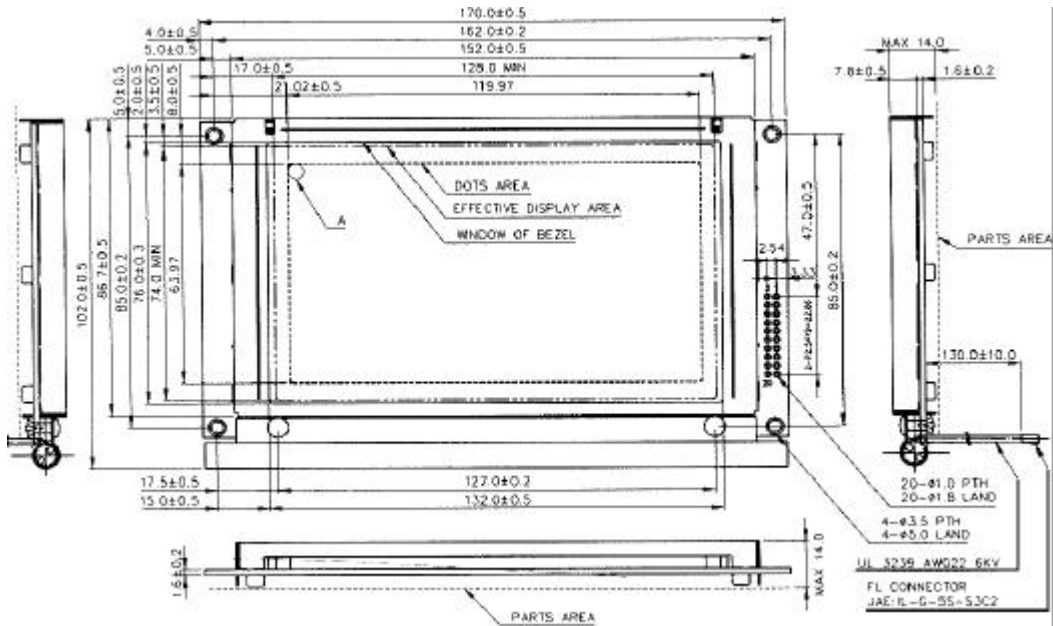
### Hintergrundbeleuchtung

CCFL-Röhre

Passender CCFL-Inverter: TDK CXA-L10L



## Datenblatt



## ELECTRICAL CHARACTERISTICS (Ta=25°C)

(V<sub>DD</sub>=5V ± 10%)

Item	Symbol	Test condition	Min.	Typ.	Max.	Unit
Power consumption	P <sub>d</sub>	V <sub>DD</sub> =5V, V <sub>EE</sub> =-15V	—	—	300	mW
Input voltage	V <sub>H</sub>	H level	0.7V <sub>DD</sub>	—	V <sub>DD</sub>	V
	V <sub>L</sub>	L level	V <sub>SS</sub>	—	0.3 V <sub>DD</sub>	V
Power supply current	I <sub>DD</sub>	V <sub>DD</sub> =5.0V	—	—	18.0	mA
	I <sub>EE</sub>	V <sub>EE</sub> =-15V	—	—	6.0	
Recommended LC driving voltage	V <sub>DD</sub> -V <sub>EE</sub>	—	16.7	17.6	18.6	V

## PIN CONNECTION

Pin No.	Symbol	Function	Pin No.	Symbol	Function
1	FGND	FRAME GROUND (OV)	15	D4	DATA INPUT/OUTPUT
2	GND	GROUND	16	D5	DATA INPUT/OUTPUT
3	VDD	POWER SUPPLY FOR LOGIC (-5V)	17	D6	DATA INPUT/OUTPUT
4	VEE	POWER SUPPLY FOR LC DRIVING	18	D7	DATA INPUT/OUTPUT
5	WR	DATA WRITE	19	F5	FONT SELECT CONNECT TO VDD 8X8 PIXELS/CHARACTER CONNECT TO VDD 5X8 PIXELS/CHARACTER
6	RD	DATA READ	20	RV	REVERSE
7	CE	CHIP ENABLE			
8	C/D	WR=1/C/D=1:COMMAND WRITE WR=1/C/D=1:DATA WRITE RD=1/C/D=1:STATUS READ RD=1/C/D=1:DATA READ			
9	NC	NO CONNECTION			
10	RESET	CONTROLLER RESET			
11	D0	DATA INPUT/OUTPUT			
12	D1	DATA INPUT/OUTPUT			
13	D2	DATA INPUT/OUTPUT			
14	D3	DATA INPUT/OUTPUT			

### FL CONNECTOR JAE/IL-F-55-S3C2

Pin No.	Symbol	Function
1	V <sub>DD</sub>	POWER SUPPLY FOR FL DRIVE
2	NC	NO CONNECTION
3	NC	NO CONNECTION
4	NC	NO CONNECTION
5	V <sub>EE</sub>	POWER SUPPLY FOR FL DRIVE