

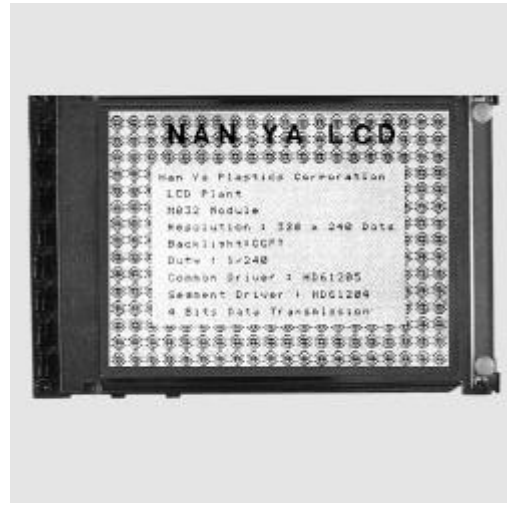
LCD 320x240 / CCFL

Mechanisch und elektrisch passend zu MT/GR-S Typen

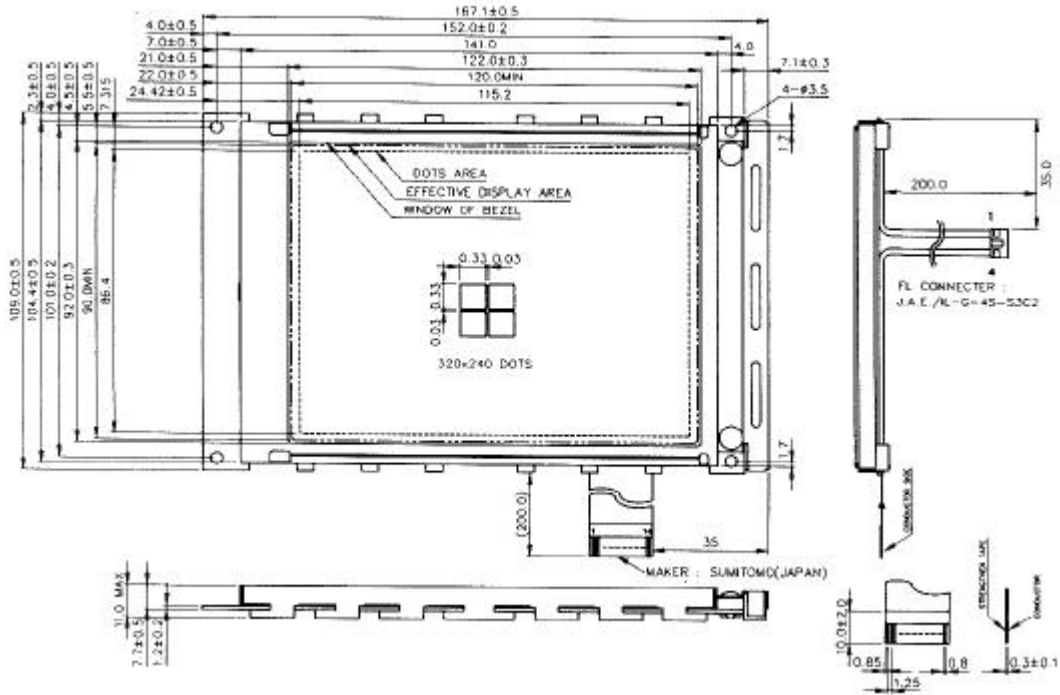
Displayauflösung
320 x 240 Pixel

Displayfarbe
Schwarz / Weiß

Hintergrundbeleuchtung
CCFL-Röhre
Passender CCFL-Inverter: TDK CXA-L10L



Datenblatt



ELECTRICAL CHARACTERISTICS (Ta=25°C)

(V_{DD}=5V ± 10%)

Item	Symbol	Test condition	Min.	Typ.	Max.	Unit
Input voltage	V _{HI}	H level	0.8V _{DD}	—	V _{DD}	V
	V _{LI}	L level	—	—	0.2V _{DD}	V
Logic circuit power supply	V _{DD} -V _{SS}	—	4.75	5.0	5.25	V
LCD driver power supply	V _{DD} -V _{EE}	—	—	22.0	—	V
Supply current	I _{DD}	V _{DD} ·V _O =22.7V	—	—	7.0	V
	I _{EE}		—	—	6.5	mA
CCFT starting voltage	V _{FLS}	—	1000	—	—	V _{rms}
CCFT starting frequency	f _{FL}	—	15	—	50	KHz

PIN CONNECTION

Pin No.	Signal	Level	Punction
1	D0	H/L	Display data
2	D1		
3	D2		
4	D3		
5	DISPOF#	H/L	HOn/L:Off
6	FRAME	H	First line marker
7	DF	H/L	Control signal for AC driving
8	LOAD	H/L	Data latch
9	CP	H/L	Data shift
10	VDD	—	Power supply for logic
11	VSS	—	GND
12	VEE	—	Power supply for LC
13	VO	—	Operating Voltage for LC driving
14	FGND	—	Front panel ground

Pin No.	Symbol	level	Function
1	V _{FL}	—	Power supply for CFL
2	NC	—	—
3	NC	—	—
4	V _{FL}	—	CFL gnd