

EG7014 series 
 (Working sample name: TCM-A0824 series)



* Photograph of the monitor is its image

**Winner of the
 "Commendation from the Chair-man of
 the Energy Conservation Center"**
 at 7th "Energy Conservation Vanguard 21" in 1996

Features

- Newly-developed power supply circuit ensures industry-leading ultra-low power consumption.
- Built-in DC/DC converter allows operation from a single 3.3 V power supply.
- Use of standard module ensures reduced development time and cost.
- High contrast by MLS drivers have been realized.

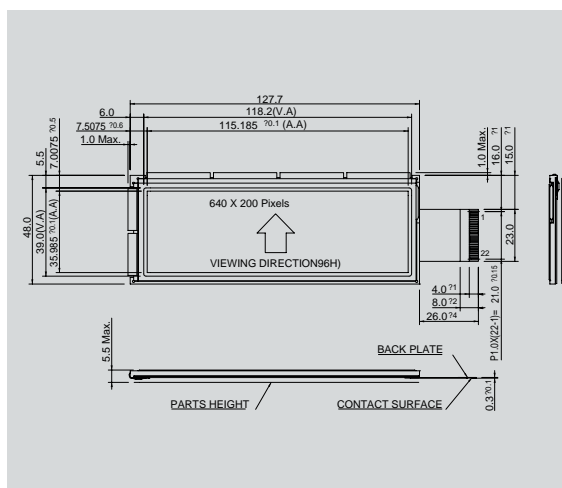
Specifications

Driving method	Passive matrix
Module structure	LCD + TCP + PCB + plastic case
Display format	640 × 200 pixels
Pixel pitch	0.18 × 0.18 mm
Pixel size	0.165 × 0.165 mm
Duty	1/200
Contrast ratio	8:1
Interface	8-bit parallel
Power supply voltage	3.3 V single supply voltage
Liquid crystal drive power supply	Built-in DC/DC converter
Power consumption (Typ.)	5.0 mW
External dimensions	128.7 × 49.0 × 5.5 mm
Operating temperature	0 to 50°C
Storage temperature	-20 to 70°C

Lineup

Name of mass-produced item	Working sample name	Display mode
EG7014C-AS	—	FTN Reflective
—	TCM-A0824-22	FTN HSR

External dimensions



Pin connections

Pin No.	Pin name	Pin No.	Pin name	Pin No.	Pin name	Pin No.	Pin name
1	V _{DD}	7	YD	13	XD2	19	V _{SS}
2	V _{SS}	8	LP	14	XD3	20	V _{OL.1}
3	V _{SS}	9	XSCL	15	XD4	21	V _{OL.2}
4	/DOFF1	10	V _{SS}	16	XD5	22	V _{OL.3}
5	/DOFF2	11	XD0	17	XD6		
6	N.C.	12	XD1	18	XD7		

Note: Please consult our Marketing Department when making implementation decisions as some products are not mass produced.