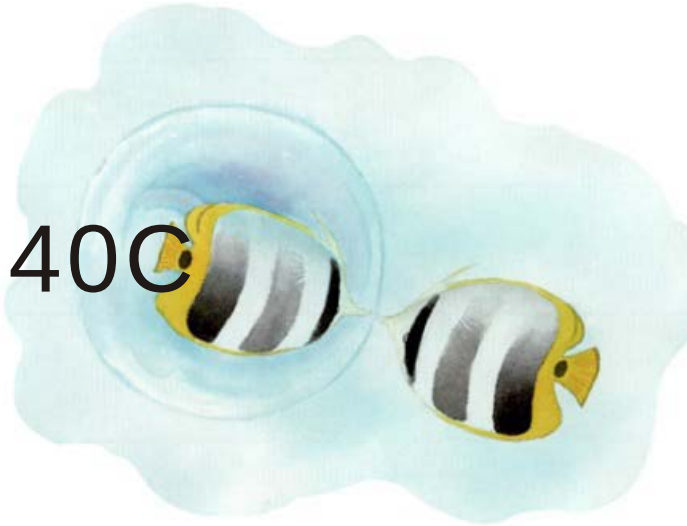
BOLYMIN

BG320240C



Feature

1. SMT PCB with metal frame
2. No controller, recommending SED1335
3. +5V single power supply
4. 1/240 duty cycle
5. Option: LED B/L , EL B/L, CCFL
6. Option: +3V single power supply
6. Option: negative voltage (built-in, external)
7. Option: touch panel

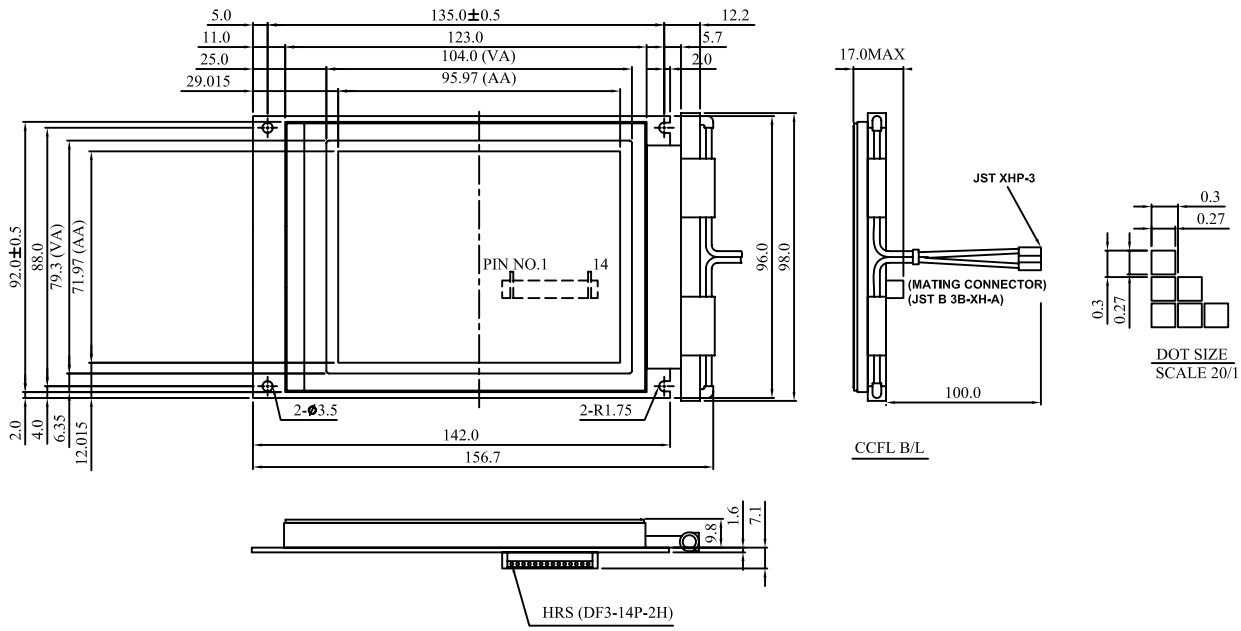
Mechanical Data

Item	Standard Value	Unit
Module Dimension	142.0 x 96.0	mm
Viewing Area	104.0 x 79.3	mm
Dot Size	0.27 x 0.27	mm
Dot Pitch	0.30 x 0.33	mm

Pin Assignment

Pin	Symbol	Function
1	FLM	First line marker
2	M	Frame reverse signal
3	LP	Data latch
4	CP	Data shift
5	/DISPOFF	Display off signal (H:on L:off)
6~9	DB0-3	Data bus line
10	Vdd	+5V(+3V option)
11	Vss	Power supply (GND)
12	Vee	Negative voltage output -25V
13	Vo	Contrast adjustment
14	FGND	Frame Ground

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	45	mA
LCD Driving Voltage	Vdd-Vo	25 ^{o}C	21.6	V
CCFL Starting Voltage	VFLS	25 ^{o}C	530	Vrms
CCFL Driving Voltage	VFLD	25 ^{o}C	278	Vrms
CCFL Driving Current	IFLD	VFLD=260 Vrms/ 30KHZ	5.0	mArms

Dimension