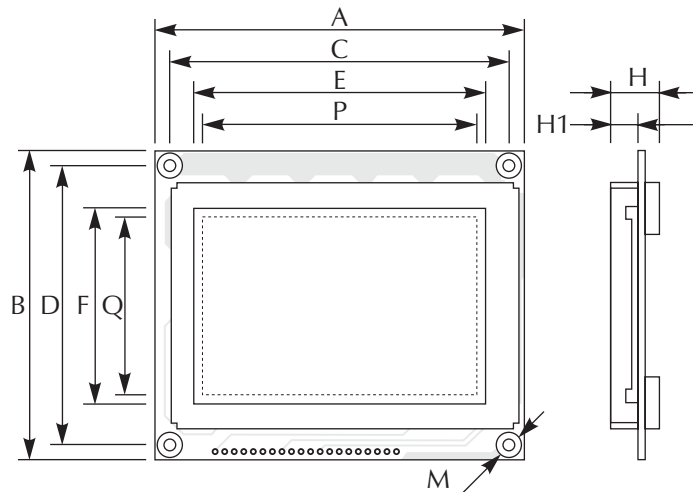


# CUSTOM SOLUTIONS

GRAPHIC DISPLAYS DESIGNED & MANUFACTURED



Lascar Electronics offers a comprehensive custom graphic design service. With Lascar's vertically integrated manufacturing ability and partnerships, including design, service assembly, COB, COG, TAB, touch screen and packaging, customer projects can easily and efficiently be addressed.



A x B: Module size \_\_\_\_ x \_\_\_\_ mm  
 E x F: Viewing area \_\_\_\_ x \_\_\_\_ mm  
 P x Q: Display area \_\_\_\_ x \_\_\_\_ mm  
 H: Total thickness \_\_\_\_ mm

C: Length between mounting holes \_\_\_\_ mm  
 D: Length between mounting holes \_\_\_\_ mm  
 M: Diameter of mounting holes \_\_\_\_ mm  
 H1: Upper thickness \_\_\_\_ mm

FOR A FULL PRODUCT DATA SHEET, PRICING AND ON-LINE STORE VISIT:

[www.lascarelectronics.com](http://www.lascarelectronics.com)



### Display Contents

- Character type \_\_\_\_\_ characters \_\_\_\_\_ lines  
 Character font \_\_\_\_\_ mm + cursor  
 Graphic type \_\_\_\_\_ x \_\_\_\_\_ dots  
 Other

### LCD

Viewing angle:  6 o'clock  12 o'clock  
 Other \_\_\_\_\_ o'clock

Type:  TN  STN  FSTN  Other  
 Positive  Negative  
 Reflective  Transflective  Transmissive

Front polarizer:  Normal  Antiglare

### Driving Type

Multiplexing: \_\_\_\_\_ Duty

### IC

Driver: Segment \_\_\_\_\_, Common \_\_\_\_\_  
 Controller:  Included  Excluded

### Power

- Single power supply \_\_\_\_\_ V  
 Two power supply: VDD-VSS = \_\_\_\_\_ V  
                                   VDD-VEE = \_\_\_\_\_ V  
                                   VLCD-Vss = \_\_\_\_\_ V

### Current Consumption

IDD \_\_\_\_\_ mA, IEE \_\_\_\_\_ mA

### Contrast Adjustment Type

- VR  Thermo-resistor  Other

### Connector

- Without  
 With, Model No.: \_\_\_\_\_

### Backlight

- Without  
 With  
 Type:  EL  CCFL  LED  Other  
 Inverter  Yes  No

### Temperature Range

Operating: \_\_\_\_\_ °C to \_\_\_\_\_ °C  
 Storage: \_\_\_\_\_ °C to \_\_\_\_\_ °C

### Application

### Project Information

Sample delivery \_\_\_\_\_, Quantity \_\_\_\_\_  
 Production schedule \_\_\_\_\_  
 Volume \_\_\_\_\_ pcs./year

## Lascar Electronics - Display Part Numbering System

Number	Type	Code	Description	Number	Type	Code	Description
1	Brand	L	Lascar	4	Lines or Column Dots	1	1 Line
2	Display Style	G	Graphic			2	2 Line
		C	Character			4	4 Line
		P	Panel			A	16 Dots
		T	Total Solution			B	32 Dots
3	Characters or Row Dots	08	8 Characters	C	56 Dots		
		16	16 Characters	D	64 Dots		
		20	20 Characters	E	100 Dots		
		24	24 Characters	F	128 Dots		
		40	40 Characters	G	160 Dots		
		80	80 Dots	H	200 Dots		
		97	97 Dots	J	240 Dots		
		98	98 Dots	K	320 Dots		
		12	120 Dots	5	Manufacturer's Model	A	see data
		13	128 Dots			T	TN Positive
		17	160 Dots			Y	STN Yellow/Green
		19	192 Dots			G	STN Grey
		23	240 Dots			B	STN Blue
		25	256 Dots			F	FSTN B/W Positive
		32	320 Dots			N	FSTN B/W Negative
		48	480 Dots			7	Polarizer
64	640 Dots	X	Transflective				
		T	Transmissive				
				8	Backlight	N	NONE
						L	LED
						E	EL
						C	CCFL
						9	Temperature Range
		W	Wide Temp.-20~+60°C				
10	Viewing Direction					S	6 o'clock
						U	12 o'clock

No.	1	2	3	4	5	6	7	8	9	10
Type	L	G	25	D	-A	-Y	X	L	C	S

Please note that all specifications are correct at time of print. The Company reserves the right to change any specification, typographical, clerical or other error or omission without any liability on the part of the company.

### Lascar Electronics Limited

Module House, Whiteparish, Salisbury,  
Wiltshire SP5 2SJ UK

Tel: +44 (0)1794 884567 Fax: +44 (0)1794 884616  
E-mail: sales@lascar.co.uk

### Lascar Electronics, Inc.

3750 West 26th Street,  
Erie, PA 16506

Tel: +1 (814) 835 0621 Fax: +1 (814) 838 8141  
E-mail: us-sales@lascarelectronics.com

### Lascar Electronics (HK) Limited

Flat C, 5/FL., Lucky Fly, Bldg., 63-65 Hung To Road,  
Kwun Tong, Kowloon, Hong Kong

Tel: +852 2797 3219 Fax: +852 2343 6187  
E-mail: b4lascar@samsongroup.com.hk

