

Product Sheet Character LCD Displays

Jefi Services imports quality Graphic and standard character LCD displays from Overseas. They are manufactured to a certified ISO9001 quality system. The following products represent the standard graphical LCD products available. We can also assist with the following display types. Colour LCD module, LCD panel, segment type LCD displays, Character (Alphanumeric) type displays and custom LCD panels and custom LCD modules to suit your particular applications.

Characters Format	Part Number	Module Size	Character Size	Active Area	Viewing Area
Characters		WxH(mm)	WxH(mm)	WxH(mm)	WxH(mm)
8x1	LMB081A	80.8x35.0	6.76x11.96	64.6x16.0	75.0x31.0
8x2	LMB0820C	58.0x32.0	2.96x5.56	38.0x16.0	53.0x27.0
8x2	LMB0820D	58.0x32.0	2.45x4.30	35.0x15.0	53.0x27.0
16x1	LMB161A	80.0x36.0	2.95x5.55	64.6x16.0	75.0x31.0
16x2	LMB162X	53.0x20.0	1.85x3.15	36.0x10.0	48.0x15.0
16x2	LMB162A	80.0x36.0	2.95x5.55	64.6x16.0	75.0x31.0
16x2	LMB162N	85.0x29.0	2.95x5.55	64.6x16.0	81.0x24.0
16x2	LMB162H	84.0x44.0	2.95x5.55	64.6x16.0	79.0x36.0
16x2	LMB162G	122.0x44.0	4.86x9.56	99.0x24.0	115.0x37.0
16x4	LMB164A	87.0x60.0	2.95x4.75	61.7x25.2	82.0x55.0
20x2	LMB202D	116.0x35.0	3.20x5.55	83.0x18.6	108.0x29.0
20x2	LMB202E	116.0x35.0	3.23x5.58	86.0x22.4	108.0x29.0
20x4	LMB204B	98.0x60.0	2.95x4.75	76.0x25.2	93.0x55.0
20x4	LMB204C	105.0x38.0	2.95x4.75	76.0x25.2	100.0x26.0
24x2	LMB242A	118.0x36.0	3.20x5.55	94.5x18.0	113.0x31.0
40x2	LMB402C	182.0x33.5	3.20x5.55	154.4x15.8	175.0x26.5

Features:-

TN, STN, FSTN Types. Gray, Yellow Green or Negative Backgrounds.
Super Low power options, Built in supply booster. Parallel and serial interface option.
3V or 5V logic supply. White CCFL back-light, LED back-light in Green, Amber, Yellow-green, White, Blue. And EL back-lighting in white, blue-green and yellow-green.

The table above represent standard product lines. There are many other available that could suit your application.

Full mechanical drawings available and user manuals detailing electrical specifications and interface timing.

The Graphics LCD modules comes with a wide variety of features. For further information please contact Jefi Services (sales@jefiservices.com.au)



Jefi Services
Lot 11 Petwood Road.
PO Box 736
Rapid No 109184
Nairne, 5252
South Australia.

Ph +61872211993
Fax +6183880410

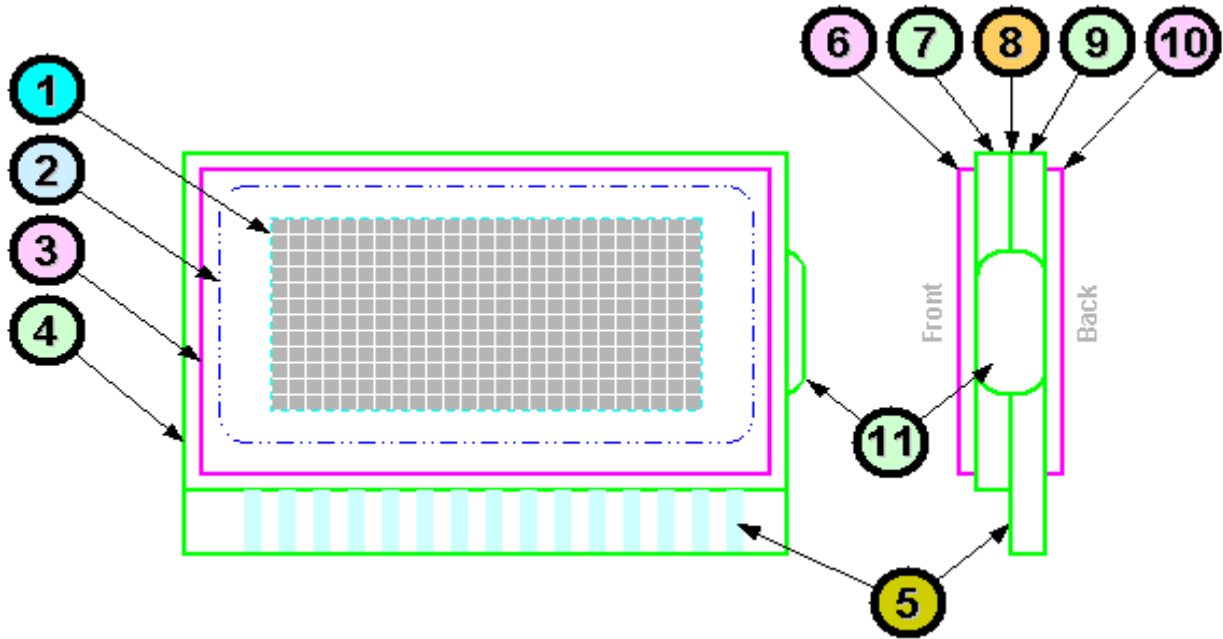
email
sales@jefiservices.com.au

www.jefiservices.com.au

ABN – 45 487 292 280

LCD Terminology

No.	Name	Description
1	Active Area	Also called A.A. Area for active pixel or icons or segment or pattern
2	Viewing Area	Also called V.A. Area with no imperfection. The background should be same in this area.
3	Polariser	It is on both side of the Panel
4	LCD Panel	Consider as two glass + polariser
5	Terminal	Terminal for connecting to LCD driver IC
6	Upper Polariser	A transmissive Polariser
7	Upper Glass	Viewing side glass
8	LC gap	Liquid Crystal is trapped in this very thin gap between two glass
9	Lower Glass	Back side glass
10	Lower Polariser	A polariser with reflective or semi-reflective reflector
11	Sealing mold	Sealing of the LC gap entrance.



Compatible LCD Module List, Character (Alpha Numeric) Type

Part Number	Display Format	Epson	Data Image	Truly	Varitronix	Tian Ma	Hyundai	Others
LMB0820A	8x2		CM0820			TM82A		
LMB161A	16x1	EA-D16015AR	CM1610	MC-161-1	MDL(S)-16166	TM161A	HC16101	
LMB162A	16x2	EA-D16025PR		MC-162-1	MDL(S)-16265B	TM162A	HC16206	
LMB162H	16x2		CM1624	MC-162-4	MDL(S)-16265	TM162D	HC16209	BC16202H
LMB162N	16x2					TM162N		
LMB162G	16x2		CM1621	MC-162-3	MDL(S)-16268C	TM162G	HC16203	
LMB164A	16x4		CM1640	MC-164-2	VPC-16465-XX	TM164A	HC16401	
LMB202A	20x2	EA-D20025PR	CM2020	MC-202-1		TM202I		
LMB202D	20x2	EA-D20025PR	CM2020	MC-202-1		TM202I		
LMB202J	20x2	EA-D20025PR	CM2020	MC-202-1		TM202J	HC20201	
LMB204B	20x4		CM2040	MC-204-1	VPC20464-XX	TM204A	HC20401	PVC200401
LMB242A	24x2		CM2420	MC-242-1	MDL(S)-24265	TM242A	HC24201	
LMB402C	40x2		CM4020	MC-402-1	MDL(S)-40266	TM402C	HC40201	
*LMB404B	40x4		CM4040			TM404A		

Notes: *: Under development