Vishay Dale

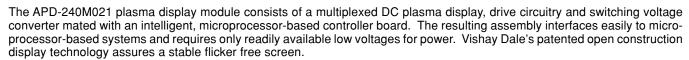
Plasma Panel Display Modules

240 Character Display with Drive Electronics
Controller and Parallel Interface





- 240 (6 x 40) alphanumeric characters (5 x 7 dot matrix).
- Compatible with IEE 3402-08-240N.
- Only + 5 and + 11.5 to 30.0 VDC required.
- ASCII character set (optional character sets available).
- Efficient parallel interface.
- Wide viewing angle (150°).
- Rugged design/slim profile.
- · Flicker free refresh.
- Editing functions.
- High brightness.



Interfacing is a basic 8 bit parallel ASCII interface with some dedicated control lines and requires minimum handshaking. DEVICE SELECT (CS), ADDRESS (A_0) , WRITE and READ lines are enabled in accordance with the Function Summary Chart and allow the host system to write or read data from the display. Data bus signals are formatted in accordance with the standard ASCII which allow control functions to be included in the character code matrix table. Functions such as advancing the cursor position or selecting the end-of-line mode are implemented with a single 8 bit control word.

OPTICAL SPECIFICATIONS

Viewing Area: 7.52" [191.01mm] W x 2.15" [54.61mm] H.

LBRIGHT EASY TO READ CHARACTERS

* ONLY +5 AND +1115 TO 30.0 * OUICK PARALLEL INPUT

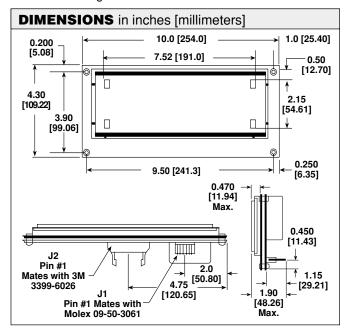
Number of Characters: 240.

Character Size: 0.15" [3.81mm] W x 0.21" [5.33mm] H.

Luminance: 100 foot lamberts.

STANDARD ELECTRICAL SPECIFICATIONS					
	MIN.	TYP.	MAX.	UNITS	
Logic Supply Voltage	+ 4.75	+ 5.0	+ 5.25	V	
Logic Supply Current	-	300.0	_	mA	
Panel Supply Voltage	11.5	12.0	30.0	V	
Panel Supply Current*	-	600.0	1000.0	mA	
Logic One Voltage	2.4	_	_	V	
Logic Zero Voltage	_	_	0.8	V	
Logic Zero Input Current	_	_	- 0.4	mA	

^{*}At 12 volt input.



ORDERING INFORMATION	
DESCRIPTION	PART NUMBER
Display, Drive Electronics, Controller	APD-240M021
Parallel Data Connector Kit	280105-01
Power Connector Kit	280108-07
Non-Glare Filter (amber circular polarized) - other filters available - contact factory	280109-13

Legal Disclaimer Notice



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