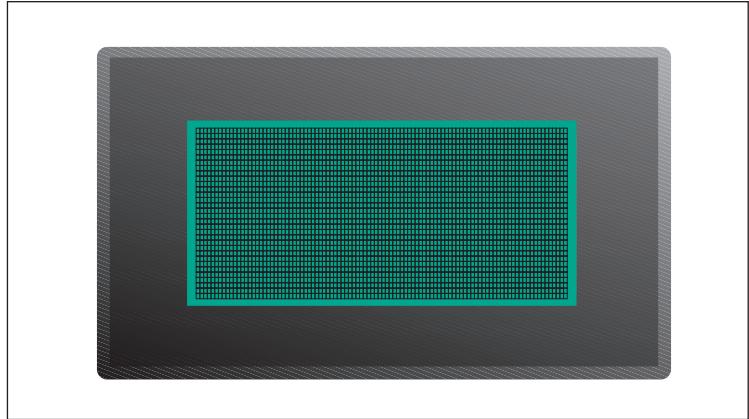


The DMX 973B incorporates the latest LCD controller LSI to provide a unique combination of a 100 x 32 pixel display with compact size and ease of use. LED backlighting ensures excellent visibility under low light conditions. Easy to install, the module features 16-pin dual in line connector. Supplied with bezel, window and clips. An optional metal bezel, stock number BEZ 900-IP, provides protection to IP67/NEMA 4X.

### FEATURES

- 100 x 32 Pixels
- High Contrast Supertwist LCD
- 6 o'clock Viewing Direction
- Yellow-Green LED Backlighting
- Based on Epson SED 1530 Controller
- 68XX, 80XX and Serial Interfaces



### ORDERING INFORMATION

Standard Instrument  
IP67 / NEMA 4X Bezel

Stock Number  
DMX 973B  
BEZ 900-IP

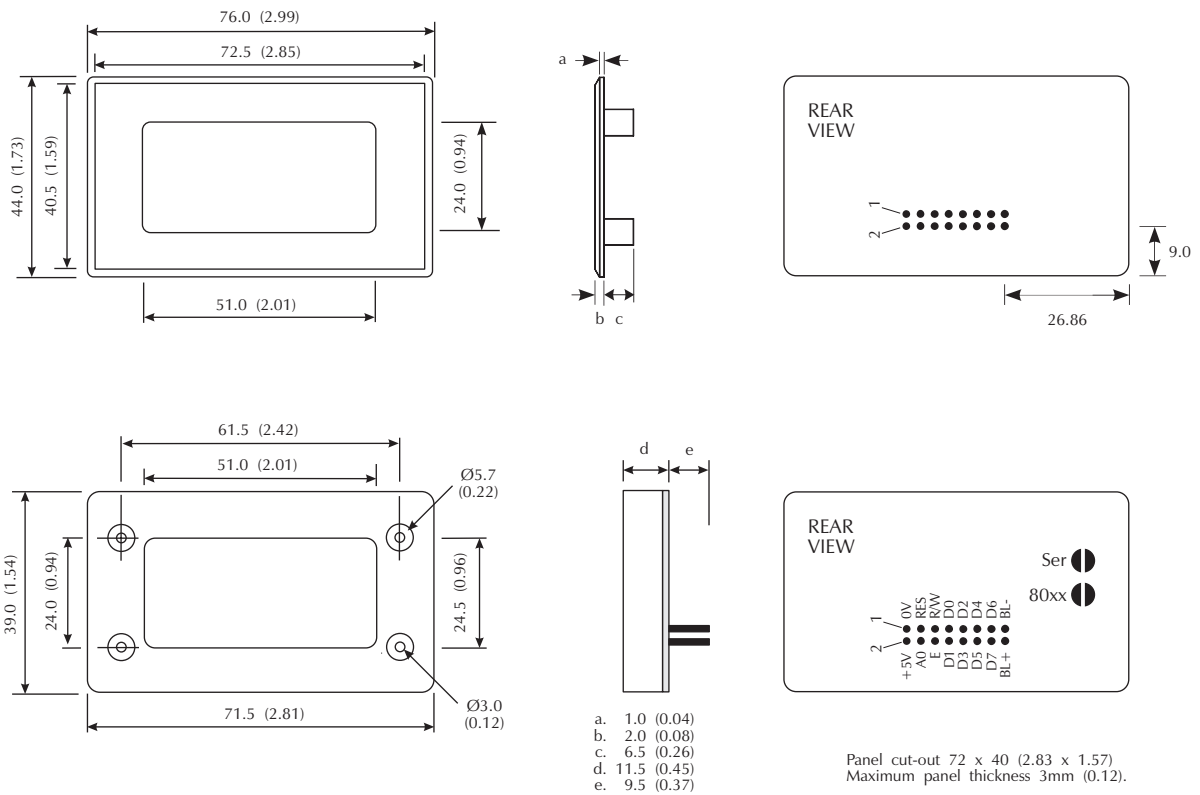
### ELECTRICAL SPECIFICATIONS

Specification	Min.	Typ.	Max.	Unit
Supply Voltage (V+)	4.5	5.0	5.5	V d.c.
Supply Current	Normal	100		μA
	Standby	10		
Input Voltage High	0.7V <sub>DD</sub>	-	V <sub>DD</sub>	V
Input Voltage Low	V <sub>SS</sub>	-	0.3V <sub>DD</sub>	V
Output Voltage High	0.8V <sub>DD</sub>	-	V <sub>DD</sub>	V
Output Voltage Low	V <sub>SS</sub>	-	0.2V <sub>DD</sub>	V
Backlight Supply Voltage	-	5	5.5	V d.c.
Backlight Supply Current	-	50	90	mA
Operating temperature range	0		50	°C

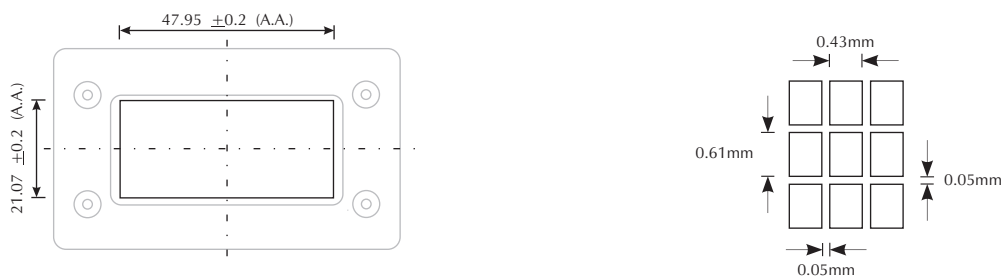
### SAFETY

To comply with the Low Voltage Directive (LVD 93/68/EEC), input voltages to the module's pins must not exceed 60Vdc. The user must ensure that the incorporation of the panel instrument into the user's equipment conforms to the relevant sections of BS EN 61010 (Safety Requirements for Electrical Equipment for Measuring, Control and Laboratory Use).

### MODULE AND BEZEL DIMENSIONS (All dimensions in mm (inches))



### LCD DIMENSIONS (All dimensions in mm)



**For detailed programming data, consult the DMX 973B product page at [www.lascarelectronics.com](http://www.lascarelectronics.com) and download the SED 1530 technical datasheet.**