DISPLAYS

SEMTRONICS P/L

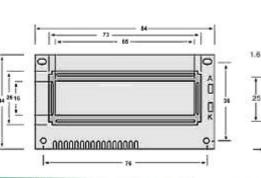
PANEL METERS & LCD DISPLAYS

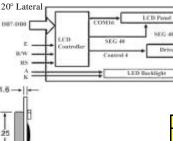
ALPHANUMERIC DOT MATRIX "LCD MODULES"

These compact LCD module have inbuilt ASCII characters as well as special letters and custom characters which can be displayed on either a 16 character by 2 line or 20 character by 2 line screen. The module will hold the current input on the display using its own built in memory, making it easy to drive.

SPECIFICATIONS: Contrast Ratio -Supply Voltage -Power Supply Current-Viewing Angle -

10 5V DC 1mA Typical Between 50°-80° Longitudinal & 60° - 120° Lateral



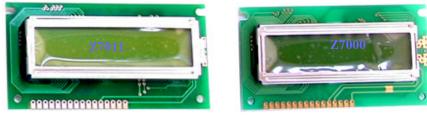






TLC-501

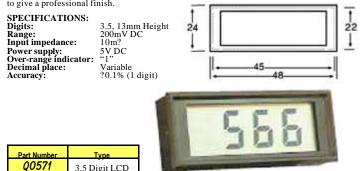
Part Number	Туре	Manufacturer
Z7000	16 x 2 Standard Version	POWERTIP
Z7011	16 x 2 Backlit Version	POWERTIP
ITM-2002	20 x 2 Backlit Version	ITM
TLC-501	20 x 2 Backlit Version	TOSHIBA



	Interface Pinouts							
Pin	Symbol	Function	Pin	Symbol	Function			
1	Vss	0V	9	DB2	Data Bit 2			
2	Vdd	5 V	10	DB3	Data Bit 3			
3	Vo	Contrast Adjust	11	DB4	Data Bit 4			
4	RS	Register Select	12	DB5	Data Bit 5			
5	R/W	Read/Write	13	DB6	Data Bit 6			
6	Е	Enable Signal	14	DB7	Data Bit 7			
7	DB0	Data Bit 0	15	А	LED Anode			
8	DB1	Data Bit 1	16	К	LED Cathode			

DIGITAL LCD PANEL MOUNT VOLT METER

This compact LCD module is ideal for applications requiring a professional finish and a digital accuracy. The range and decimalplace options are easily configured by PCB links. It is small, compact, reliable and comes complete with a plastic surround to give a professional finish.

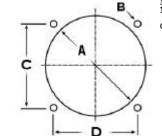


PANEL METERS

PANEL METERMOVING COIL TYPE

Dimension Guide mm					
Style	Δ	в	c	D	
MU45	45	4	37.5	37.5	
MU52E	52	4	48	64	
MU65	63	4	63.5	79	





MU45 Overall dimensions 58W x 52H. Bolt mounting centres 37.5mm x 37.5mm. 45mm hole required. MU65 Overall dimensions 100W x 82H. Bolt mounting centres 79W x 63.5H. 63mm hole required MU52E Overall dimensions 80W x 66H. Bolt mounting centres 64W x 48H. 52mm hole required Connections are via threaded studs. Nuts and washers provided

PANEL METERS MU45 / MU65



Part Number	ESD	Style	Resistance
Q0500	1mA	MU45	58??
Q0505	50?A	MU45	1.5k??
Q0508	1A	MU45	0.058??
Q0510	5A	MU45	0.03? ?
Q0515	10A	MU45	0.012??
Q0520	20A	MU45	0.004??
Q0523	20V	MU45	20k??
Q0525	30V	MU45	30k??
Q0530	1mA	MU52E	210??
Q0533	?A	MU52E	3.2??
Q0535	30V	MU52E	29.4??
Q0538	50V	MU52E	49.5??
Q0540	1mA	MU65	210??
Q0550	100? A	MU65	3.9??

DIGITAL LED PANEL MOUNT VOLT METER 5Ø

This stylish LED module is ideal for applica-tions requiring a professional finish and a digital accuracy. The decimal place can eas-ily be configured as desired. It is small, com-pact, reliable and comes complete with a plastic surround to give a professional finish.

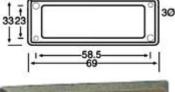
Part Nun

Quality Class 2.5

Q0580

SPECIFICATIONS: Digits: Range: Input impedance: Power supply: Over-range indicator: Decimal place: Accuracy: 3.5, 13mm Height 200mV DC 10m? 5V DC Blank Variable ?0.1% (2 digit)

3.5 Digit LED





PH (03) 9873 3555 FAX (03) 9873 3355

Re ? μA