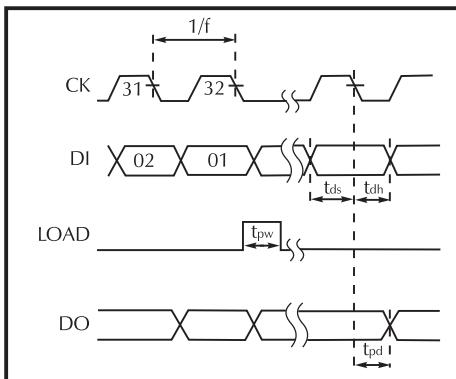


The DDM 4 is a low power 4 digit data display module which usually operates under microprocessor control. Inputs are CMOS and TTL compatible. Using three inputs; Clock, Data In and Load, it is possible to individually address each LCD segment, permitting 0 to 9 and A to F to be displayed plus any other combination of the segments. Hand-held cases for the DDM 4 are available (Veronex hand-held size 3 and OKW Type M and P enclosures).

- 🔊 12.7mm (0.5") Digit Height
- 🔊 Requires Only Three Control Lines
- 🔊 Can be Cascaded
- 🔊 CMOS and TTL Compatible
- 🔊 Easily Interfaced To Microprocessors
- 🔊 5V LED Backlighting
- 🔊 Low Power

TIMING DIAGRAM



Stock Number
Standard Meter

DDM 4

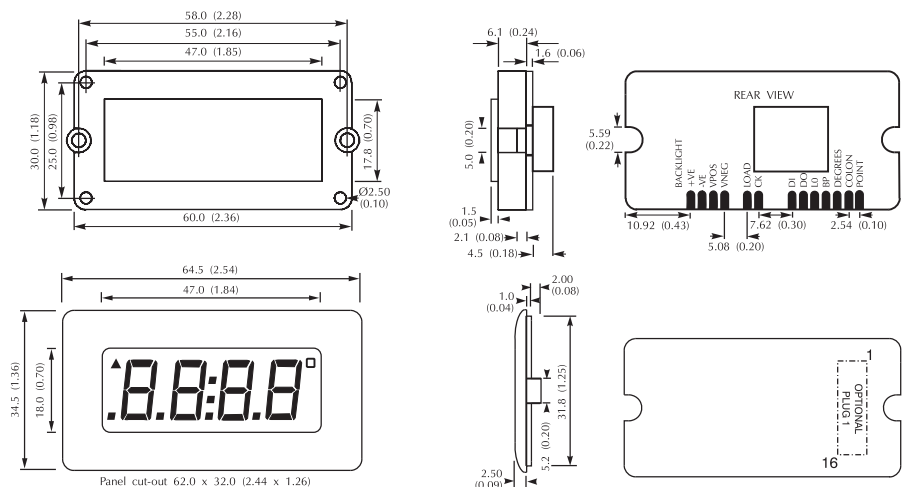
DC CHARACTERISTICS

Specification	Symbol	Min.	Typ.	Max.	Unit
Supply voltage	V_{DD}	+3.0	5	+8.5	V
Supply current	I_{DD}		40	60	μA
Operating temp. range		0		50	$^{\circ}C$
Input High level	V_{IH}	$0.5V_{DD}$		V_{DD}	V
Input Low level	V_{IL}	0		$0.1V_{DD}$	V
Input leakage current	I_L		0.01	± 10	μA
Input capacitance	C_i			5.0	pF
Backlight voltage	V_{LMP}		5	5.5	V
Backlight current	I_{LMP}		50	75	mA

AC CHARACTERISTICS

Characteristics	Symbol	Min.	Max.	Units	Conditions
Clock rate	f	0	1.5	MHz	50% duty cycle
Data set-up time	t_{ds}	150		nS	Data change to CK falling edge
Data hold time	t_{dh}	50		nS	
Load pulse width	t_{pw}	175		nS	
Data out prop. delay	t_{pd}		500	nS	$CL = 55pF$

DIMENSIONS All dimensions in mm (inches)



PANEL FITTING

Fit the bezel to the front of the panel and then locate the meter to the bezel from behind the panel. Using the four screws provided, secure the two plastic clips to the rear of the meter.

