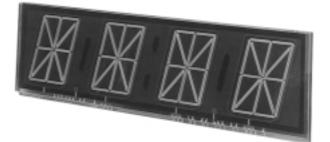
Vishay Dale

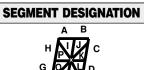
Plasma Panel Displays

4 Character, 16 Segment Alphanumeric Display with 2.00" [50.80mm] High Characters



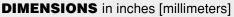
FEATURES

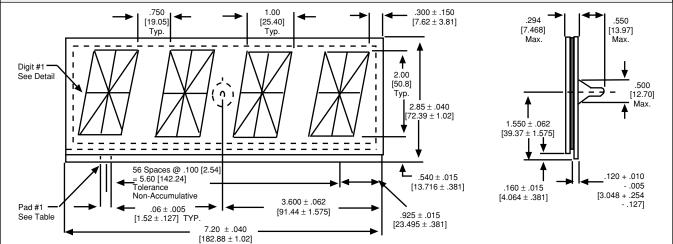
- 200 foot lamberts brightness
- · Designed for multiplexed operation
- · Edgeboard connection (terminals available as
- PD-04A200-2) End stackable



SHA

STANDARD ELECTRICAL SPECIFICATIONS					
CHARACTERISTIC @ + 25°C	MINIMUM	TYPICAL	MAXIMUM	NOTES	
Panel Voltage Drop (at typical cathode current)	130 VDC	145 VDC	170 VDC		
Initial Ionization Time (peak cathode voltage - 180)			5 sec.		
Cathode Segment Current (see drawing for cathode designation)				Note: At the specified current, a segment shall glow uniformly over its entire surface with no glow visible on any	
Segments a, b, p, l, f and e	2.5 mA	4.3 mA	8.7 mA	other part of the panel. † Recommended D.C. keep alive circuit: Use a 1 Megohm resistor in series with cathode and a 1 Megohm resistor in series with anode connected to a 200 VDC source.	
Segments c, d, g, h, i, j, k, m, n and o	5.0 mA	8.6 mA	17.5 mA		
Keep Alive †	25 µA	50 μA	75 μΑ		
Source Voltage *	- 180 VDC	- 200 VDC	- 220 VDC	* Voltage referenced to anode on voltage.	
Anode Off Voltage *	- 35 VDC	- 100 VDC	- 120 VDC		
Cathode Off Voltage *	- 35 VDC	- 100 VDC	- 120 VDC		
Digit Period	80 µsec.	1250 µsec.	2500 µsec.		
Cathode Blanking Interval	20 µsec.	100 µsec.			
Cathode Blanking Overlap	10 µsec.	50 µsec.		Note: Operating limits do not apply simultaneously, e. g.,	
Display Scan Period	.32 msec.	5 msec.	10 msec.	operation at maximum current may require a longer blanking interval than the minimum specified.	
Number of Anodes per Scan	_	4	_	Interval than the minimum specified.	





ORDERING INFORMATION

DESCRIPTION

DESCRIPTION	PART NUMBER
Display with Edgeboard Type Connection	PD-04A200
Display with Attached Terminals (Solderable)	PD-04A200-2





Vishay

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