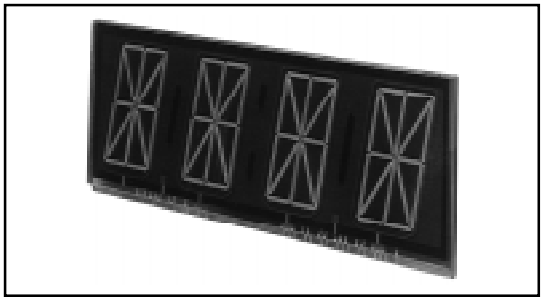
MODEL PD-04A200
Plasma Panel Displays

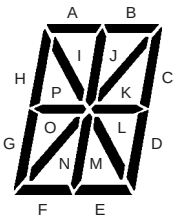
4 Character, 16 Segment Alphanumeric Display with 2.00" [50.80mm] High Characters



FEATURES

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

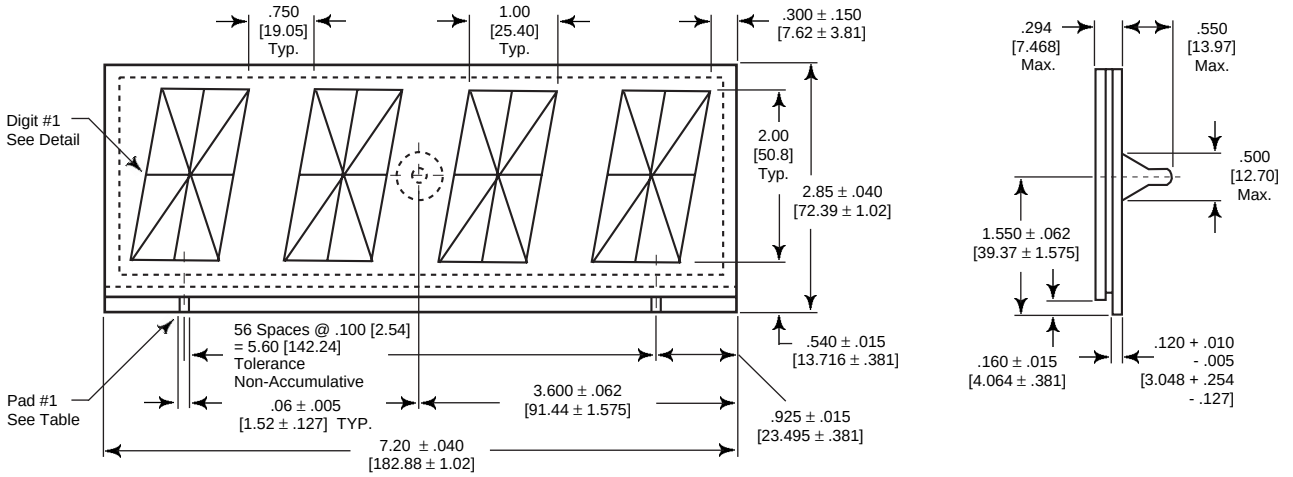
SEGMENT DESIGNATION



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 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 a, b, p, l, f and e	2.5 mA	4.3 mA	8.7 mA	
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 µA	
Source Voltage *	- 180 VDC	- 200 VDC	- 220 VDC	
Anode Off Voltage *	- 35 VDC	- 100 VDC	- 120 VDC	
Cathode Off Voltage *	- 35 VDC	- 100 VDC	- 120 VDC	* Voltage referenced to anode on voltage.
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., operation at maximum current may require a longer blanking interval than the minimum specified.
Display Scan Period	.32 msec.	5 msec.	10 msec.	
Number of Anodes per Scan	—	4	—	

DIMENSIONAL CONFIGURATIONS **[Numbers in brackets indicate millimeters]**



ORDERING INFORMATION

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