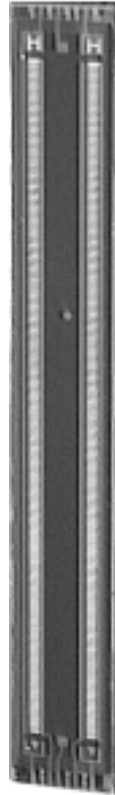


## Plasma Panel Displays

### Linear Bar Graph



PBG-C7005



PBG-C7008

#### FEATURES

- Extra long columns for extended viewing distances
- At normal viewing distances glow blends into continuous, but precisely controlled bar length
- Unique scanning technique minimizes the number of drivers required
- Available with attached terminals

#### ENVIRONMENTAL SPECIFICATIONS

**Altitude:** 0 to 70,000 feet.

**Operating Temperature:** 0°C to + 55°C.

**Storage Temperature:** - 55°C to + 85°C.

**Relative Humidity** (No condensation): 85% maximum.

**Vibration:** .018 inches DA, 10 to 50 Hz, 2G, 50 to 2000 Hz.

**Shock:** 50G, 1/2 sine wave, 11 mS duration.

#### OPTICAL SPECIFICATIONS

	PBG-C7005	PBG-C7008
<b>Elements</b>	201	201
<b>Resolution</b>	1/2%	1/2%
<b>Segment Length</b>	.250	.120
<b>Segment Width</b>	.020	.020
<b>Segment Spacing</b>	.050	.0394
<b>Drivers Required</b>	7	8
<b>Luminance</b>	30 fl	30 fl
<b>Viewing Angle</b>	120°	120°
<b>Color</b>	Neon Orange	Neon Orange

#### ELECTRICAL SPECIFICATIONS

OPERATING PARAMETERS	PBG-C7005				PBG-C7008			
	MINIMUM	MAXIMUM	RECOMMENDED	UNITS	MINIMUM	MAXIMUM	RECOMMENDED	UNITS
<b>Anode Supply Voltage</b>	235	265	250	V	235	265	250	V
<b>Cathode Off Bias Voltage</b>	68	76	72	V	68	76	72	V
<b>Anode Off Bias Voltage</b>	80	120	100	V	80	120	100	V
<b>Anode Sustaining Voltage (Typical)</b>	—	—	150	V	—	—	150	V
<b>Refresh Rate</b>	—	—	66	Hz	—	—	65	Hz
<b>Keep Alive Anode Resistor</b>	—	—	1M	Ω	—	—	1M	Ω
<b>Keep Alive Cathode Resistor</b>	—	—	1M	Ω	—	—	1M	Ω
<b>Keep Alive Current (Typical)</b>	—	—	50	μA	—	—	50	μA
<b>Display Anode Resistor</b>	—	—	6k	Ω	—	—	15k	Ω
<b>Display Peak Anode Current</b>	10	20	15	mA	6	10	8	mA
<b>Scan Time per Cathode</b>	70	150	75	μS	70	150	75	μS
<b>Applied Reset Pulse Width</b>	70	150	75	μS	70	150	75	μS
<b>Character Anode Resistor</b>	—	—	—	—	—	—	6.8k	Ω
<b>Character Anode Current</b>	—	—	—	—	11	15	13	mA