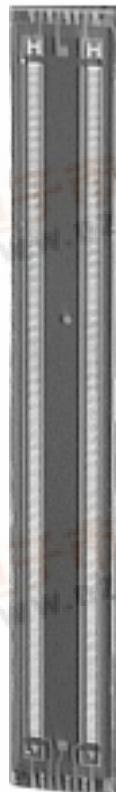


Plasma Panel Displays

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

ELECTRICAL SPECIFICATIONS

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

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