

Commercial Small Alphanumeric Displays

Package Dimensions in inches (mm)	Part No./ Color	No. of Characters	Viewing Angle	Temperature Range	Features
		Character Height			
Top View Dimensions: Width: .083 (2.11) Height: .145 (3.71) Character Height: .175 (4.44) ± .005 (.13) Max Width: .699 (16.99) Total Height: .350 (8.89) Side View Dimensions: Pin 1 Indicator: .200 (5.08) Part Number: HDSP2000LP Siemens EIA Date Code: YYWW Z Luminous Intensity Code (and Color Code for Yellow) Pin 1: .100 (2.54) ± .005 (.13) Non Accum. 10 PL. Pin 2: .020 (.51) ± .003 (.08) 12 PL. Pin 3: .170 (4.32)	HDSP2000LP Red HDSP2001LP Yellow HDSP2002LP HER HDSP20003LP Bright Green	4 .150"	X Axis ±50° Y Axis ±75°	Operating -40° to +85°C Storage -40° to +100°C	5x7 dot matrix characters. Plastic package. Serial input/parallel output, low power on-board CMOS shift registers, constant current LED row drivers. External column strobing allows full use of ASCII & customized fonts. Easily cascaded for multiple displays.
Top View Dimensions: Width: .790 (20.07) Max. Height: .192 (4.88) Character Height: .197 (5.00) ± .005 (.13) 3 PLCS. Total Height: .400 (10.16) Side View Dimensions: Pin 1 Indicator: .200 (5.08) Part Number: HDSP2300LP Siemens EIA Date Code: YYWW Z Luminous Intensity Code Pin 1: .018 (.46) ± .003 (.08) 12 PL. Pin 2: .100 (2.54) ± .005 (.13) Non Accum. 10 PLCS. Pin 3: .170 (4.32)	HDSP2300LP Red HDSP2301LP Yellow HDSP2302LP HER HDSP2303LP Bright Green	4 .200"	X Axis ±50° Y Axis ±75°	Operating -40° to +85°C Storage -40° to +100°C	5x7 dot matrix characters. Plastic package. Serial input/parallel output, low power on-board CMOS shift registers, constant current LED row drivers. External column strobing allows full use of ASCII & customized fonts. Easily cascaded for multiple displays.

Tolerance: .XX = .015 (.38)

Alphanumeric Displays – Non-Intelligent

Package Dimensions in inches (mm)	Part No./ Color	Description	Luminous Intensity per Segment		Pin Location & Function																																																
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	DLR5735 DLR5736 Red	No built-in CMOS drive circuitry. Single character, rugged encapsulated package. 5 x 7 dot matrix array with row-column select. Compatible with ASCII and EBCDIC format. Polarity: Common cathode row – 5735 Common anode row – 5736 End and side stackable.	200 μ cd	20	5735 Schematic 5736 Schematic Top View Top View <tr><td></td><td>DLG5735 DLG5736 Green</td><td></td><td>650 μcd</td><td>10</td><td><table><thead><tr><th colspan="2">5735</th><th>5736</th></tr><tr><th>Pin/</th><th>Function</th><th>Function</th></tr></thead><tbody><tr><td>1</td><td>Row 1 Cathode</td><td>Column 1 Cathode</td></tr><tr><td>2</td><td>Row 2 Cathode</td><td>Row 3 Anode</td></tr><tr><td>3</td><td>Column 2 Anode</td><td>Column 2 Cathode</td></tr><tr><td>4</td><td>Column 1 Anode</td><td>Row 5 Anode</td></tr><tr><td>5</td><td>Row 6 Cathode</td><td>Row 6 Anode</td></tr><tr><td>6</td><td>Row 7 Cathode</td><td>Row 7 Anode</td></tr><tr><td>7</td><td>Column 3 Anode</td><td>Column 4 Cathode</td></tr><tr><td>8</td><td>Row 5 Cathode</td><td>Column 5 Cathode</td></tr><tr><td>9</td><td>Column 4 Anode</td><td>Row 4 Anode</td></tr><tr><td>10</td><td>Row 4 Cathode</td><td>Column 3 Cathode</td></tr><tr><td>11</td><td>Row 3 Cathode</td><td>Row 2 Anode</td></tr><tr><td>12</td><td>Column 5 Anode</td><td>Row 1 Anode</td></tr></tbody></table></td></tr>		DLG5735 DLG5736 Green		650 μ cd	10	<table><thead><tr><th colspan="2">5735</th><th>5736</th></tr><tr><th>Pin/</th><th>Function</th><th>Function</th></tr></thead><tbody><tr><td>1</td><td>Row 1 Cathode</td><td>Column 1 Cathode</td></tr><tr><td>2</td><td>Row 2 Cathode</td><td>Row 3 Anode</td></tr><tr><td>3</td><td>Column 2 Anode</td><td>Column 2 Cathode</td></tr><tr><td>4</td><td>Column 1 Anode</td><td>Row 5 Anode</td></tr><tr><td>5</td><td>Row 6 Cathode</td><td>Row 6 Anode</td></tr><tr><td>6</td><td>Row 7 Cathode</td><td>Row 7 Anode</td></tr><tr><td>7</td><td>Column 3 Anode</td><td>Column 4 Cathode</td></tr><tr><td>8</td><td>Row 5 Cathode</td><td>Column 5 Cathode</td></tr><tr><td>9</td><td>Column 4 Anode</td><td>Row 4 Anode</td></tr><tr><td>10</td><td>Row 4 Cathode</td><td>Column 3 Cathode</td></tr><tr><td>11</td><td>Row 3 Cathode</td><td>Row 2 Anode</td></tr><tr><td>12</td><td>Column 5 Anode</td><td>Row 1 Anode</td></tr></tbody></table>	5735		5736	Pin/	Function	Function	1	Row 1 Cathode	Column 1 Cathode	2	Row 2 Cathode	Row 3 Anode	3	Column 2 Anode	Column 2 Cathode	4	Column 1 Anode	Row 5 Anode	5	Row 6 Cathode	Row 6 Anode	6	Row 7 Cathode	Row 7 Anode	7	Column 3 Anode	Column 4 Cathode	8	Row 5 Cathode	Column 5 Cathode	9	Column 4 Anode	Row 4 Anode	10	Row 4 Cathode	Column 3 Cathode	11	Row 3 Cathode	Row 2 Anode	12	Column 5 Anode	Row 1 Anode
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