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ELECTRONICS

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Features

- * LOW CURRENT REQUIREMENTS
- * EXCELLENT CHARACTER APPEARANCE
- * HIGH LIGHT OUTPUT
- * RELIABLE AND RUGGED
- * IC COMPATIBLE

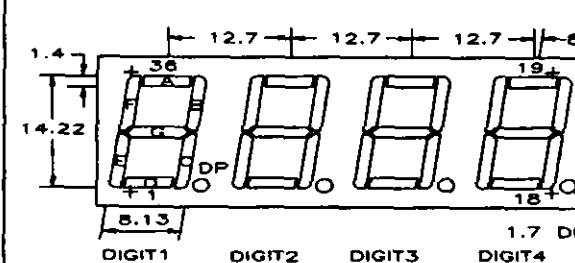
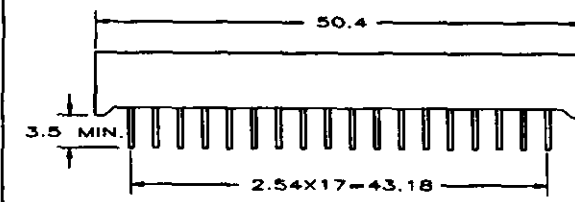
Absolute Maximum Ratings at $T_A=25^\circ\text{C}$

REVERSE VOLTAGE PER LED CHIP ($<100\mu\text{A}$)	GaAsP RED 3.0V, OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP	30 mA
PULSE CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH) PER LED CHIP	100 mA
OPERATING TEMPERATURE RANGE	-25°C TO $+85^\circ\text{C}$
STORAGE TEMPERATURE RANGE	-25°C TO $+100^\circ\text{C}$
LEAD SOLDERING TEMP. (1.6mm FROM SEATING PLANE)	260°C FOR 3 SEC.

Electrical/optical characteristics at $T_A=25^\circ\text{C}$

PART NUMBER		LED CHIP		FACE COLOR		PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA(mcd)	
COMMON ANODE	COMMON CATHODE	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		TYP.	MAX.	MIN.	TYP.
UA5614-11 EWRS	UC5614-11 EWRS	GaAsP	RED	GREY	WHITE	655	1.7	2.0	0.3	0.5
UA5654-11 EWRS	UC5654-11 EWRS	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
UA5624-11 EWRS	UC5624-11 EWRS	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.7	2.9
UA5634-11 EWRS	UC5634-11 EWRS	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
UA5644-11 EWRS	UC5644-11 EWRS	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
UA5644R-11 RRRS	UC5644R-11 RRRS	GaAsP ON GaP	ORANGE	RED	RED	635	2.1	3.0	2.0	3.3

Package Dimensions And Pin Function

UA56X4-11 COMMON ANODE PIN NO. FUNCTION		UC56X4-11 COMMON CATHODE PIN NO. FUNCTION	
1. CATHODE E (DIGIT 1)		1. ANODE E (DIGIT 1)	
2. CATHODE D (DIGIT 1)		2. ANODE D (DIGIT 1)	
3. CATHODE C (DIGIT 1)		3. ANODE C (DIGIT 1)	
4. CATHODE DP (DIGIT 1)		4. ANODE DP (DIGIT 1)	
5. CATHODE E (DIGIT 2)		5. ANODE E (DIGIT 2)	
6. CATHODE D (DIGIT 2)		6. ANODE D (DIGIT 2)	
7. CATHODE G (DIGIT 2)		7. ANODE G (DIGIT 2)	
8. CATHODE C (DIGIT 2)		8. ANODE C (DIGIT 2)	
9. CATHODE DP (DIGIT 2)		9. ANODE DP (DIGIT 2)	
10. CATHODE E (DIGIT 3)		10. ANODE E (DIGIT 3)	
11. CATHODE D (DIGIT 3)		11. ANODE D (DIGIT 3)	
12. CATHODE C (DIGIT 3)		12. ANODE C (DIGIT 3)	
13. CATHODE DP (DIGIT 3)		13. ANODE DP (DIGIT 3)	
14. CATHODE E (DIGIT 4)		14. ANODE E (DIGIT 4)	
15. CATHODE D (DIGIT 4)		15. ANODE D (DIGIT 4)	
16. CATHODE G (DIGIT 4)		16. ANODE G (DIGIT 4)	
17. CATHODE C (DIGIT 4)		17. ANODE C (DIGIT 4)	
18. CATHODE DP (DIGIT 4)		18. ANODE DP (DIGIT 4)	
19. CATHODE B (DIGIT 4)		19. ANODE B (DIGIT 4)	
20. CATHODE A (DIGIT 4)		20. ANODE A (DIGIT 4)	
21. CATHODE F (DIGIT 4)		21. ANODE F (DIGIT 4)	
22. DIGIT 4 COMMON ANODE		22. DIGIT 4 COMMON CATHODE	
23. DIGIT 3 COMMON ANODE		23. DIGIT 3 COMMON CATHODE	
24. CATHODE B (DIGIT 3)		24. ANODE B (DIGIT 3)	
25. CATHODE A (DIGIT 3)		25. ANODE A (DIGIT 3)	
26. CATHODE G (DIGIT 3)		26. ANODE G (DIGIT 3)	
27. CATHODE F (DIGIT 3)		27. ANODE F (DIGIT 3)	
28. CATHODE B (DIGIT 2)		28. ANODE B (DIGIT 2)	
29. CATHODE A (DIGIT 2)		29. ANODE A (DIGIT 2)	
30. CATHODE F (DIGIT 2)		30. ANODE F (DIGIT 2)	
31. DIGIT 2 COMMON ANODE		31. DIGIT 2 COMMON CATHODE	
32. DIGIT 1 COMMON ANODE		32. DIGIT 1 COMMON CATHODE	
33. CATHODE B (DIGIT 1)		33. ANODE B (DIGIT 1)	
34. CATHODE A (DIGIT 1)		34. ANODE A (DIGIT 1)	
35. CATHODE G (DIGIT 1)		35. ANODE G (DIGIT 1)	
36. CATHODE F (DIGIT 1)		36. ANODE F (DIGIT 1)	

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS $\pm 0.25\text{mm}$ UNLESS OTHERWISE NOTED.

2. THE SLOPE ANGLE OF ANY PIN MAY BE $\pm 3.0^\circ\text{MAX}$.