

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)