



UA(C)30X1-16

0.3" SINGLE DIGIT DISPLAY

Features

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

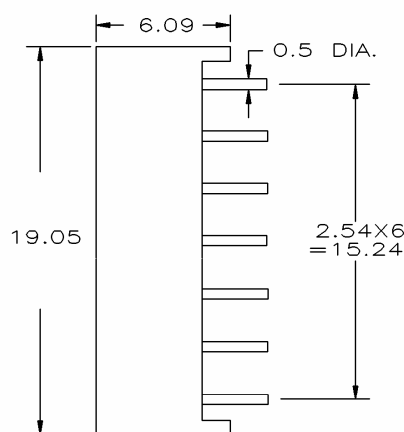
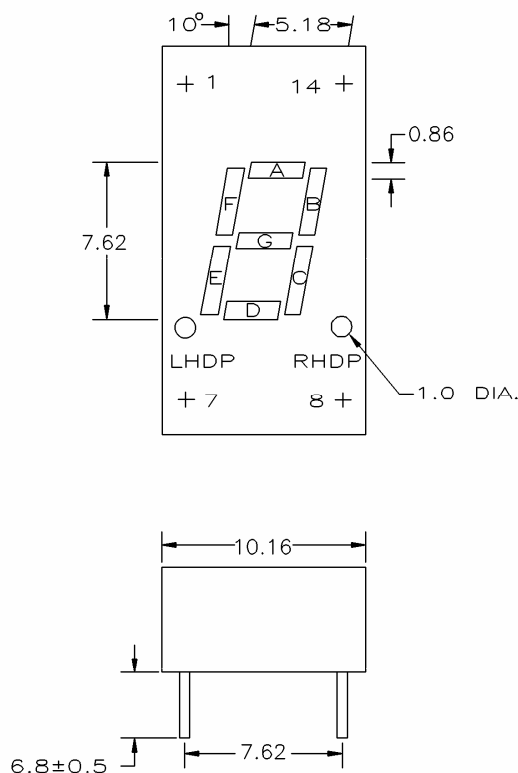
Absolute Maximum Ratings at T_A=25°C

REVERSE VOLTAGE PER LED CHIP (<100μ 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°C
STORAGE TEMPERATURE RANGE.....	-25°C TO +100°C
LEAD SOLDERING TEMP. (1.6mm FROM SEATING PLANE).....	260°C FOR 3 SEC.

Electrical/optical characteristics at T_A=25°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.	TYP.	MIN.	TYP.
UA3011-16 EWRN	UC3011-16 EWRN	GaAsP	RED	GREY	WHITE	655	1.7	2.0	0.3	0.5
UA3051-16 EWRN	UC3051-16 EWRN	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
UA3021-16 EWRN	UC3021-16 EWRN	GaP	GREEN	GREY	WHITE	567	2.1	2.6	1.7	2.9
UA3031-16 EWRN	UC3031-16 EWRN	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
UA3041-16 EWRN	UC3041-16 EWRN	GaAsP ON GaP	ORANGE	GREY	RED	635	2.1	3.0	2.0	3.3
UA3041R-16 RRRN	UC3041R-16 RRRN	GaAsP ON GaP	HI EFF RED	RED	RED	635	2.1	3.0	2.0	3.3

Package Dimensions And Pin Function



UA30X1-16
 COMMON ANODE
 PIN NO. FUNCTION
 1.CATHODE A
 2.CATHODE F
 3.COMMON ANODE
 4.NO PIN
 5.NO PIN
 6.CATHODE LHDP
 7.CATHODE E
 8.CATHODE D
 9.CATHODE RHDP
 10.CATHODE C
 11.CATHODE G
 12.NO PIN
 13.CATHODE B
 14.COMMON ANODE

UC30X1-16
 COMMON CATHODE
 PIN NO. FUNCTION
 1.NO PIN
 2.COMMON CATHODE
 3.ANODE F
 4.ANODE G
 5.ANODE E
 6.ANODE D
 7.NO PIN
 8.NO PIN
 9.COMMON CATHODE
 10.ANODE RHDP
 11.ANODE C
 12.ANODE B
 13.ANODE A
 14.NO PIN

- 1.ALL DIMENSIONS ARE IN mm, TOLERANCE IS ±0.25mm UNLESS OTHERWISE NOTED.
- 2.THE SLOPE ANGLE OF ANY PIN MAY BE ±5.0°MAX.