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ELECTRONICS

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UA(C)40X1-11 0.4" 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)				
				TYP.	MAX.	MIN.	TYP.			
UA4051-11 EWAK	UC4051-11 EWAK	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
UA4021-11 EWAK	UC4021-11 EWAK	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.7	2.9
UA4031-11 EWAK	UC4031-11 EWAK	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
UA4041-11 EWAK	UC4041-11 EWAK	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
UA4041R-11 RRAK	UC4041R-11 RRAK	GaAsP ON GaP	ORANGE	RED	RED	635	2.1	3.0	2.0	3.3

Package Dimensions And Pin Function

UA40X1-11 COMMON ANODE
PIN NO. FUNCTION

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

UC40X1-11 COMMON CATHODE
PIN NO. FUNCTION

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

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.