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JAMECO[®]
ELECTRONICS

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Jameco Part Number 335090

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Features

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

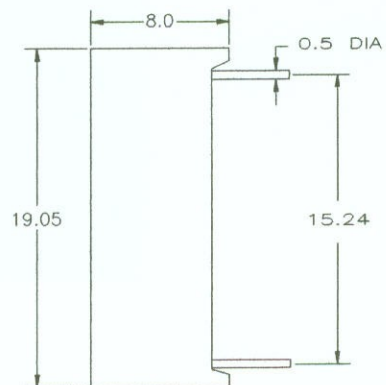
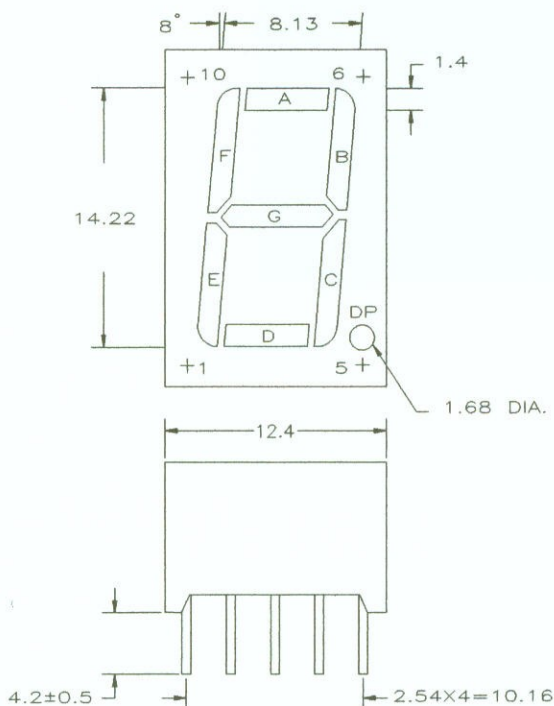
Absolute Maximum Ratings at T_A=25°C

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 PUANE)	260°C FOR 3

Electrical/optical characteristics at T_A=25°C

PART NUMBER	COMMON ANODE	COMMON CATHODE	LED CHIP		FACE COLOR		PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA(mcd)	
			MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		TYP.	MAX.	MIN.	TYP.
UA5651-11 EWRS	UC5651-11 EWRS		GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
UA5621-11 EWRS	UC5621-11 EWRS		GaP	GREEN	GREY	WHITE	567	2.1	2.6	1.7	2.9
UA5631-11 EWRS	UC5631-11 EWRS		GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.4	2.3
UA5641-11 EWRS	UC5641-11 EWRS		GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
UA5641R-11 RRRS	UC5641R-11 RRRS		GaAsP ON GaP	ORANGE	RED	RED	635	2.1	3.0	2.0	3.3

Package Dimensions And Pin Function



- UA56X1-11
COMMON ANODE
PIN NO. FUNCTION
- 1.CATHODE E
 - 2.CATHODE D
 - 3.COMMON ANODE
 - 4.CATHODE C
 - 5.CATHODE DP
 - 6.CATHODE B
 - 7.CATHODE A
 - 8.COMMON ANODE
 - 9.CATHODE F
 - 10.CATHODE G

- UC56X1-11
COMMON ANODE
PIN NO. FUNCTION
- 1.ANODE E
 - 2.ANODE D
 - 3.COMMON CATHODE
 - 4.ANODE C
 - 5.ANODE DP
 - 6.ANODE B
 - 7.ANODE A
 - 8.COMMON CATHODE
 - 9.ANODE F
 - 10.ANODE G

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.