



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 ($\le 100\mu A$)	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	COMMON ANODE	COMMON CATHODE	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT	PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA(mcd)	
										SEG.	DP.	MIN.	TYP.
										TYP.	TYP.	MIN.	TYP.
DA10-150SR-HEW	DC10-150SR-HEW	GaP	RED	GREY	WHITE	700	4.2	2.1	0.4	1.1			
DA10-150SG-HEW	DC10-150SG-HEW	GaP	GREEN	GREY	WHITE	567	4.2	2.1	1.6	4.0			
DA10-150SY-HEW	DC10-150SY-HEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	4.2	2.1	1.3	3.2			
DA10-150SO-HEW	DC10-150SO-HEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	4.2	2.1	1.8	4.6			
DA10-150SH-HRR	DC10-150SH-HRR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	4.2	2.1	1.8	4.6			

Package Dimensions And Pin Function

COMMON ANODE
PIN NO. FUNCTION

- 1.COMMON ANODE
- 2.CATHODE E
- 3.CATHODE D
- 4.CATHODE C
- 5.COMMON ANODE
- 6.CATHODE B
- 7.CATHODE A
- 8.CATHODE DP
- 9.CATHODE F
- 10.CATHODE G

COMMON CATHODE
PIN NO. FUNCTION

- 1.COMMON CATHODE
- 2.ANODE E
- 3.ANODE D
- 4.ANODE C
- 5.COMMON ANODE
- 6.ANODE B
- 7.ANODE A
- 8.ANODE DP
- 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.