



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.			
DA10-031SR1-AEW	DC10-031SR1-AEW	GaAsP	RED	GREY	WHITE	655	1.7	2.0	0.2	0.4
DA10-031SR1-ABR	DC10-031SR1-ABR	GaAsP	RED	BLACK	RED	655	1.7	2.0	0.2	0.4
DA10-031SR-AEW	DC10-031SR-AEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.4	0.6
DA10-031SG-AEW	DC10-031SG-AEW	GaP	GREEN	GREY	WHITE	567	2.1	2.6	1.3	2.3
DA10-031SY-AEW	DC10-031SY-AEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.1	1.8
DA10-031SO-AEW	DC10-031SO-AEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	1.6	2.6
DA10-031SH-ARR	DC10-031SH-ARR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	1.6	2.6

Package Dimensions And Pin Function

DA10-031SX-AXX
COMMON ANODE
PIN NO. FUNCTION

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

DC10-031SX-AXX
COMMON CATHODE
PIN NO. FUNCTION

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

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.