



Feature

- * 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 BODY) 260°C FOR 5 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 @10(mcd)	
COMMON ANODE	COMMON CATHODE	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		TYP.	MAX.	MIN.	TYP.
DA10-039SR-AEW-1	DC10-039SR-AEW-1	GaP	RED	GREY	WHITE	700	2.1	3.0	0.3	0.6
DA10-039SG-AEW-1	DC10-039SG-AEW-1	GaP	GREEN	GREY	WHITE	567	2.1	3.0	0.9	2.3
DA10-039SY-AEW-1	DC10-039SY-AEW-1	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	0.7	1.8
DA10-039SO-AEW-1	DC10-039SO-AEW-1	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	1.0	2.6
DA10-039SH-ARR-1	DC10-039SH-ARR-1	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	1.0	2.6

Package Dimensions And Pin Function

COMMON ANODE
PIN NO. FUNCTION

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

COMMON CATHODE
PIN NO. FUNCTION

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

1.ALL DIMENSIONS ARE IN mm, TOLERANCE IS ± 0.25 mm UNLESS OTHERWISE NOTED.
2.THE SLOPE ANGLE OF ANY PIN MAY BE $\pm 5.0^\circ$ MAX.