



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 (<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 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)				
				TYP.	MAX.	MIN.	TYP.			
DA10-050SR-DEW	DC10-050SR-DEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.3	0.8
DA10-050SG-DEW	DC10-050SG-DEW	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.1	2.9
DA10-050SY-DEW	DC10-050SY-DEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	0.9	2.3
DA10-050SO-DEW	DC10-050SO-DEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	1.3	3.3
DA10-050SH-DRR	DC10-050SH-DRR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	1.3	3.3

Package Dimensions And Pin Function

Technical drawing showing top, side, and pin views of the 0.5 inch overflow display package. Dimensions are in mm. Pin functions are listed below.

COMMON ANODE PIN NO. FUNCTION

1.CATHODE J	1.ANODE J
2.NO CONNECTION	2.NO CONNECTION
3.COMMON ANODE	3.COMMON CATHODE
4.CATHODE C	4.ANODE C
5.CATHODE DP	5.ANODE DP
6.CATHODE B	6.ANODE B
7.NO CONNECTION	7.NO CONNECTION
8.COMMON ANODE	8.COMMON CATHODE
9.CATHODE H	9.ANODE H
10.CATHODE G	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.