



Features

- * LOW CURRENT REQUIREMENTS
- * EXCELLENT CHARACTER APPEARANCE
- * 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	COMMON ANODE	COMMON CATHODE	LED CHIP		FACE COLOR		PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10(mcd)	
			MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		SEG. TYP.	DP. TYP.	MIN.	TYP.
DA10-102SR-HEW	DC10-102SR-HEW	GaP	RED	GREY	WHITE	700	4.2	2.1	0.5	1.2	
DA10-102SG-HEW	DC10-102SG-HEW	GaP	GREEN	GREY	WHITE	567	4.2	2.1	1.8	4.6	
DA10-102SY-HEW	DC10-102SY-HEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	4.2	2.1	1.5	3.7	
DA10-102SO-HEW	DC10-102SO-HEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	4.2	2.1	2.1	5.2	
DA10-102SH-HRR	DC10-102SO-HRR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	4.2	2.1	2.1	5.2	

Package Dimensions And Pin Function

COMMON ANODE
PIN NO. FUNCTION

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

COMMON CATHODE
PIN NO. FUNCTION

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

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.