



**Features**

- \* LOW CURRENT REQUIREMENTS
- \* EXCELLENT CHARACTER APPEARANCE
- \* HIGH LIGHT OUTPUT
- \* RELIABLE AND RUGGED
- \* IC COMPATIBLE

**Absolute Maximum Ratings at T<sub>A</sub>=25°C**

REVERSE VOLTAGE PER LED CHIP (<100μ A)	4.0V
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<sub>A</sub>=25°C**

PART NUMBER	COMMON ANODE	COMMON CATHODE	LED CHIP		FACE COLOR		PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA (mcd)	
			MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		SEG. TYP.	DP. TYP.	MIN.	TYP.
AA10-200SR-QEW		AC10-200SR-QEW	GaP	RED	GREY	WHITE	700	4.2	2.1	0.6	1.0
AA10-200SG-QEW		AC10-200SG-QEW	GaP	GREEN	GREY	WHITE	567	4.2	2.1	2.3	3.9
AA10-200SY-QEW		AC10-200SY-QEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	4.2	2.1	1.9	3.1
AA10-200SO-QEW		AC10-200SO-QEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	4.2	2.1	2.6	4.4
AA10-200SH-QRR		AC10-200SH-QRR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	4.2	2.1	2.6	4.4

**Package Dimensions And Pin Function**

