



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)	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 @10(mcd)	
CATHODE ROW	ANODE ROW	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		TYP.	MAX.	MIN.	TYP.
MC10-200SR-HEW	MA10-200SR-HEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	1.4
MC10-200SG-HEW	MA10-200SG-HEW	GaP	GREEN	GREY	WHITE	567	2.1	2.6	2.1	5.1
MC10-200SY-HEW	MA10-200SY-HEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	2.6	4.3
MC10-200SO-HEW	MA10-200SO-HEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.3	5.9
MC10-200SH-HRR	MA10-200SH-HRR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	2.3	5.9

Package Dimensions And Pin Function

