



Features

- * 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 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.
MC10-070SR-CEW	MA10-070SR-CEW	GaP	RED	GREY	WHITE	700	2.1	3.0	0.5	0.8
MC10-070SG-CEW	MA10-070SG-CEW	GaP	GREEN	GREY	WHITE	567	2.1	3.0	1.4	2.9
MC10-070SY-CEW	MA10-070SY-CEW	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	1.7	2.3
MC10-070SO-CEW	MA10-070SO-CEW	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	2.0	3.3
MC10-070SH-CRR	MA10-070SH-CRR	GaAsP ON GaP	HI-EFF RED	RED	RED	635	2.1	3.0	2.0	3.3

Package Dimensions And Pin Function

