

ELECTRO-OPTICAL CHARACTERISTICS TA =25°C			If=20mA		
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
AXIAL INTENSITY		1100		mcd	If=20mA
VIEWING ANGLE (X)		50		2x theta	
VIEWING ANGLE (Y)		30		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	185	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	170	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= $\frac{+DECIMAL PRECISION}{-0.00}$ MAX= $\frac{+0.00}{-DECIMAL PRECISION}$

UNCONTROLLED DOCUMENT




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T-5mm BASE, ELLIPTICAL DOME LED, 636nm AlInGaP RED, RED TRANSPARENT LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE: 04.26.11	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: BC
SCALE: NTS	APRVD BY: KF
UNIT: mm [INCH]	

Mouser Electronics

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