

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $V_f=12\text{V}$ 

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	585			nm	
FORWARD VOLTAGE		12.0	14.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY	15			mcd	$V_f = 12\text{V}$
VIEWING ANGLE	30			2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$ 

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE*	14	V
STEADY CURRENT	11.5	mA
POWER DISSIPATION	120	mW
DERATE FROM $25^\circ\text{C}$	-1.2	mW/°C
OPERATING, 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=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $+\text{DECIMAL PRECISION}$  MAX=  $+\text{0.00}$   $-\text{0.00}$



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T-5mm (T-1 3/4) 565nm YELLOW LED, YELLOW DIFFUSED LENS, 12V OPERATION.

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

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DATE: 04.27.10	DRAWN BY: JH
PAGE: 1 OF 1	CHKD BY: SS
SCALE: N/A	APRVD BY: KF
UNIT: mm [INCH]	(P)

# Mouser Electronics

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