



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$		$V_f=5\text{V}$	
PARAMETER	MIN	TYP	MAX
PEAK WAVELENGTH		565	nm
FORWARD VOLTAGE		5.0	$V_f$
REVERSE VOLTAGE	5.0		$V_r$
AXIAL INTENSITY	5		$I_r=100\mu\text{A}$
VIEWING ANGLE	110		$V_f=5\text{V}$
EMITTED COLOR:	GREEN		$2x \theta_{\text{theta}}$
LENS FINISH:	GREEN DIFFUSED		

LIMITS OF SAFE OPERATION AT $25^\circ\text{C}$		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7	V
STEADY CURRENT	12	mA
POWER DISSIPATION	305	mW
DERATE FROM $25^\circ\text{C}$	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

\*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= <sup>+0.00</sup><sub>-0.00</sub> MAX.= <sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION

UNCONTROLLED DOCUMENT

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