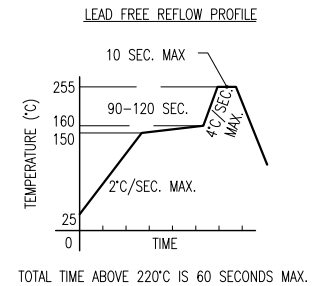


CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		645/574		nm	
FORWARD VOLTAGE (R/G)		1.95/2.1	2.5/2.5	V _f	$I_r=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	
AXIAL INTENSITY		250/50		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		120		2θ	
EMITTED COLOR:	RED/GREEN				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (R/G)	185/150	mA
STEADY CURRENT (R/G)	30/30	mA
POWER DISSIPATION (R/G)	75/75	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* $t < 10\mu\text{s}$



*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.= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION



425 N. GARY AVE.
CAROL STREAM, IL 60188-4900
PHONE: +1.800.278.5666
FAX: +1.630.315.2152
WEB: WWW.LUMEX.COM
MEMBER OF ITW PHOTONICS GROUP

1.25mm x 2.00mm SMT LED, 645nm/574nm WATER CLEAR LENS.

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

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DATE:	08.19.13	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(Pb)