



ELECTRO-OPTICAL CHARACTERISTICS $T_c=25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		2.1	2.5	V _f	$I_f=10\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	
AXIAL INTENSITY	3100		4500	med	$I_f=20\text{mA}$
VIEWING ANGLE			35	2x theta	
EMITTED COLOR:	RED				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* I<10µs

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

UNCONTROLLED DOCUMENT

LUMEX
 Creating LED and LCD Solutions Together™
 425 N. GARY AVE.
 CAROL STREAM, IL 60188-4900
 PHONE: +1(800)278-3666
 FAX: +1(630)315-2152
 WEB: WWW.LUMEX.COM
 MEMBER OF JTW PHOTONICS GROUP

T-3mm (T-1) 660nm SUPER RED LED, WATER CLEAR LENS.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT
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 UNIT: mm [INCH]