



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	GREEN	RED	YELLOW	UNITS	TEST COND
PEAK WAVELENGTH	565	635	585	nm	
FORWARD VOLTAGE (TYP)	2.2	2.0	2.1	Vf	
FORWARD VOLTAGE (MAX)	2.6	2.5	2.5	Vf	
REVERSE VOLTAGE	5.0	5.0	5.0	Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY	20	30	30	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1, 3	2	4		
LENS FINISH:	COLOR DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/R/Y)	30/25/30	mA
POWER DISSIPATION	105	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.

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

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



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
FAX: +1.847.359.6538  
WEB: WWW.LUMEX.COM  
MEMBER OF ITW PHOTONICS GROUP

T-3mm (T-1) 4 UNIT FAULT INDICATOR, GREEN/RED/YELLOW LEDS, COLOR DIFFUSED.

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

CONFIDENTIAL INFORMATION  
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE:	07.19.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(Pb)