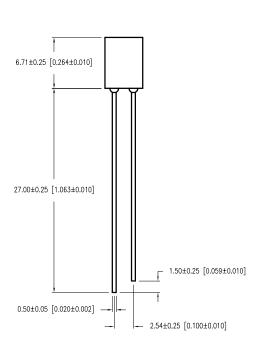
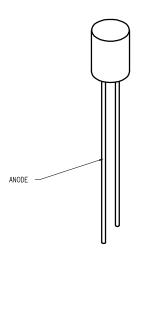
REV.

SEC. MAX

45 00 10 05	[40,407.10,040]		+
ø5.00±0.25	[ø0.197±0.010]	/	

UNCONTROLLED DOCUMENT





ELECTRO-OPTICAL CH	HARACTERISTICS	T <sub>A</sub> =25°C	$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.0	2.5	V f	
REVERSE VOLTAGE	5.0			٧r	I <sub>r</sub> = 100μΑ
AXIAL INTENSITY	180	420		mcd	$I_f = 20mA$
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C	C	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	170	mW
DERATE FROM 25°C	- 1.2	mW/*C
OPERATING TEMP.	-40 TO +80	*C
STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+ 260	*C

3

2.0mm FROM BODY

## NOTES:

1. CUSTOMER PART NUMBER #28-6969-2.

\*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 UNCONTROLLED DOCUMENT



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538

WEB: WWW.LUMEX.COM

	T-5mm (	T-1	3/4)	YELLOW	/ LED,	WATER	CLEAR	LENS.	
**THE	SPECIFICATIONS MAY	CHANGE	AT ANY	TIME WITHOUT	NOTICE DUI	E TO NEW M	MATERIALS OR	PRODUCT IMPR	OVEMENT.**

CONFIDENTIAL 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 THRO PARTIES.

	DATE:	01.20.10	DRAWN BY:	JN
	PAGE:	1 OF 1	CHKD BY:	
	SCALE:	N/A	APRVD BY:	BC
-	UNIT:	mm [INCH]	(Pb)	

<sup>\*</sup> t<10µS