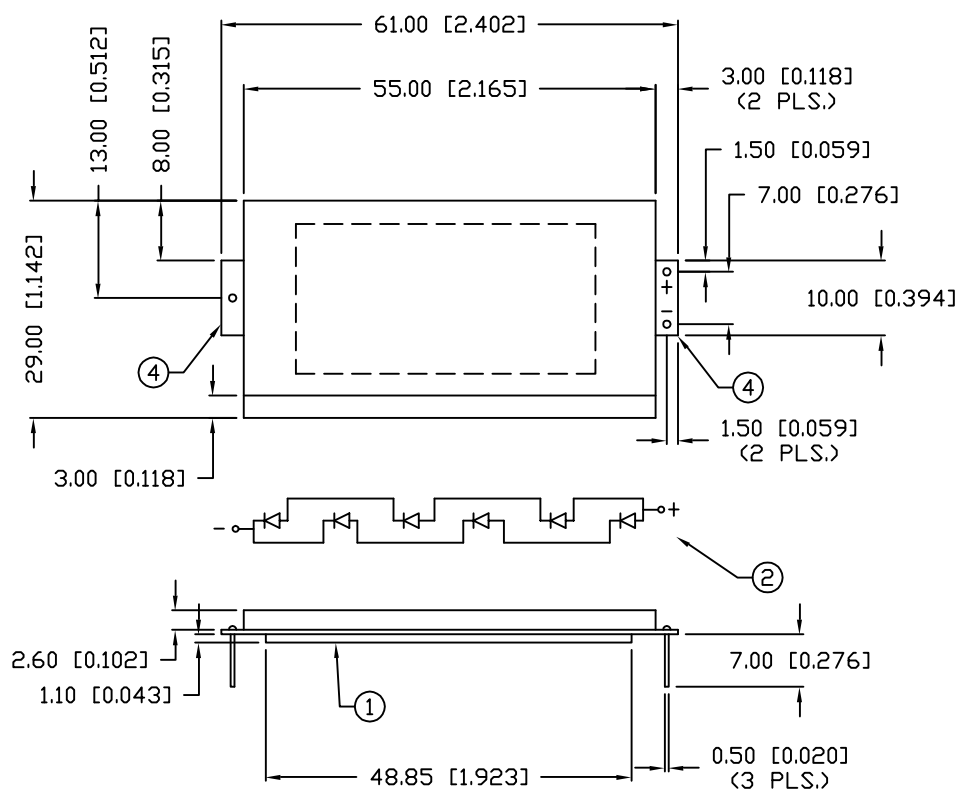


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		6.3	7.5	V_f	
REVERSE VOLTAGE	10			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		45		cd/m^2	$I_f=40\text{ mA}$
EMITTED COLOR:	YELLOW				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	60	mA
STEADY CURRENT	40	mA
POWER DISSIPATION	0.45	W
DERATE FROM 25°C	-1.8	$\text{mW}/^{\circ}\text{C}$
OPERATING TEMP.	-40 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

NOTES:

- 3M #4945 TAPE CENTERED ON BOTTOM OF BACKLIGHT.
- 0805 STYLE SMT LEDS.

*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 -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSB-PG5526YC-1

55mm x 26mm SINGLE EDGELIT BACKLIGHT,
6 SMT CHIPS, 585nm YELLOW, CLEAR WHITE FINNISH.

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.

RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE: 10.16.01

CT

PAGE: 1 OF 1

SCALE: N/A