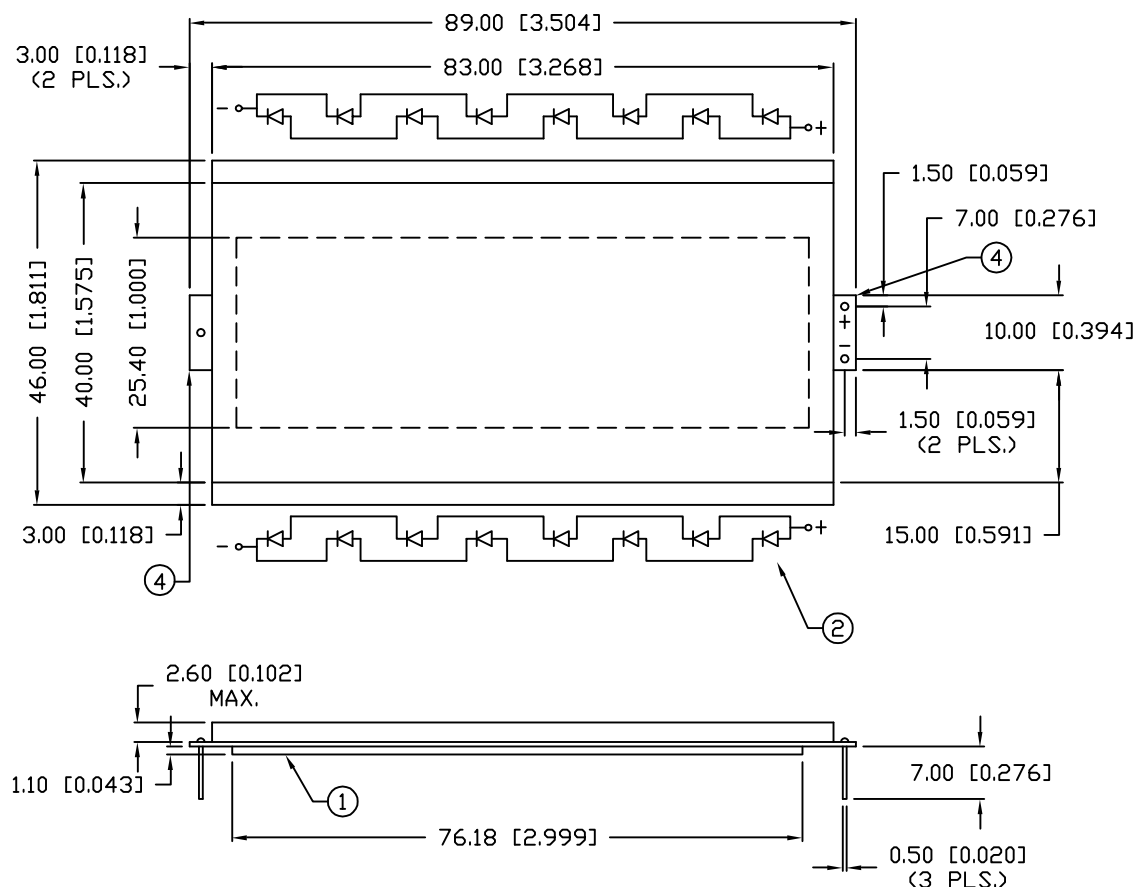


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		8.8	10.4	V_f	
REVERSE VOLTAGE	10			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		45		cd/m^2	$I_f=80\text{ mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	120	mA
STEADY CURRENT	80	mA
POWER DISSIPATION	1.25	W
DERATE FROM 25°C	-3.4	$\text{mW}/^{\circ}\text{C}$
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 MAX.=+0.00 -DECIMAL PRECISION

REV.

PART NUMBER
SSB-PG8340GC-3

83mm x 40mm P.C.B., DUAL SIDE EDGELIT BACKLIGHT,
16 SMT CHIPS, 565nm GREEN, CLEAR WHITE.

CONFIDENTIAL INFORMATION

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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.



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