

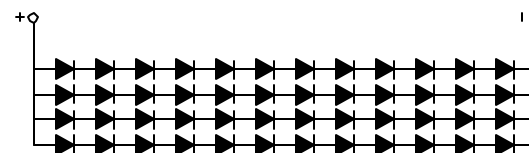
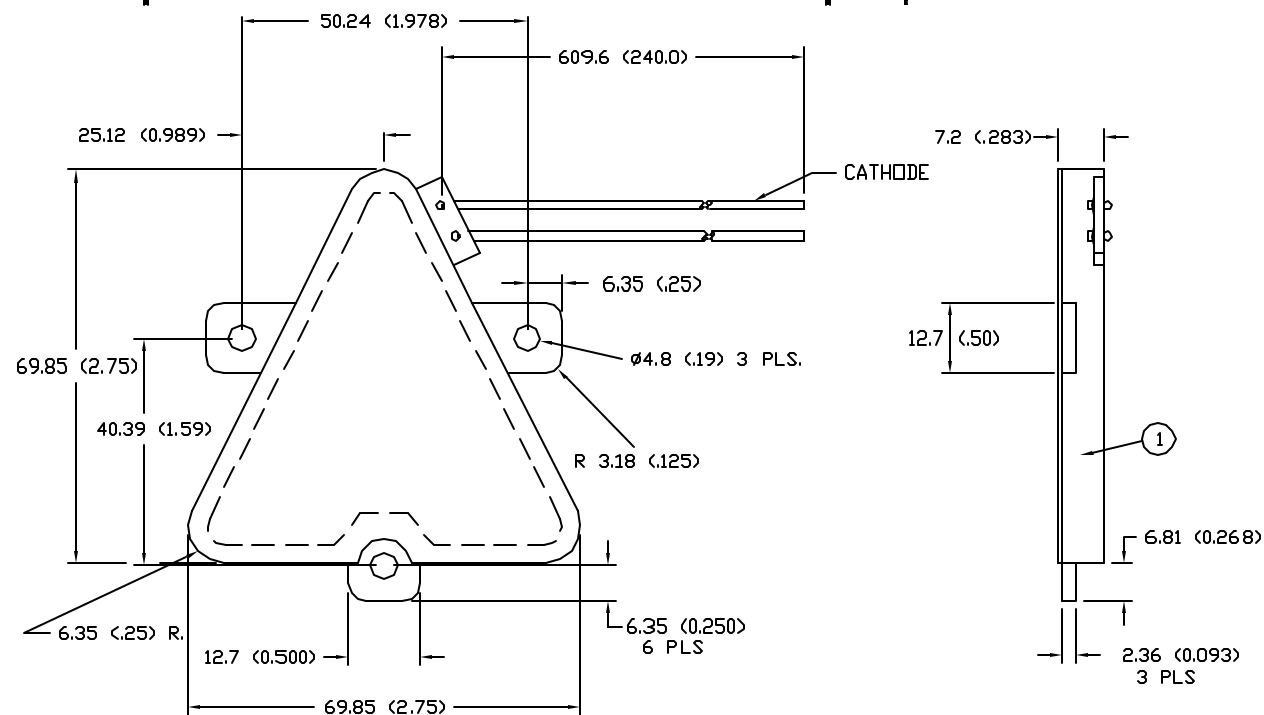
DATE

REVISIONS

REV

DRAWING NUMBER
SSB-COB6370IW-T-6

REV

4 IN PARALLEL
12 IN SERIES.ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_F = 80\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
SPECTRAL LINE HALF WIDTH		30		nm	
FORWARD VOLTAGE		24	30	V	$I_F = 80\text{mA}$
REVERSE CURRENT			200	μA	$V_R = 48\text{V}$
LUMINOUS INTENSITY		160		cd/m^2	$I_F = 80\text{mA}$

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	80	mA
POWER DISSIPATION	3.0	W
DERATE FROM 25°C	67.4	$\text{mW}/^\circ\text{C}$
OPERATING TEMP	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP	-40 TO +85	$^\circ\text{C}$

UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

16/00

LUMEX
OPTO COMPONENTS INC.
290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

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DATE: 6-6-97

DWN:

CHK'D:

APPD:

SCALE: N/A

TRIANGULAR BACKLIGHT DISPLAY, 48 CHIPS ON BOARD,
RED, 24V

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