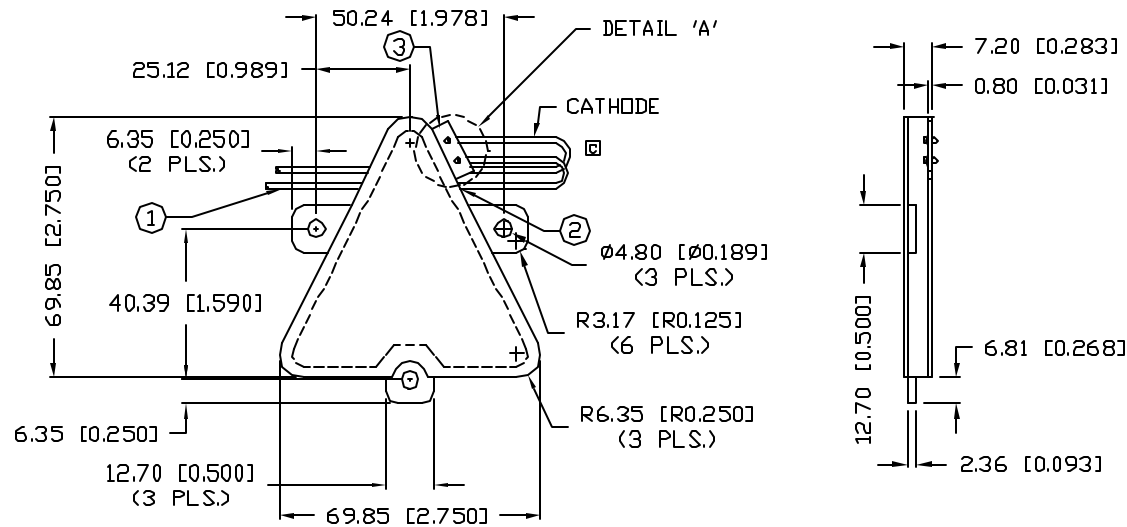
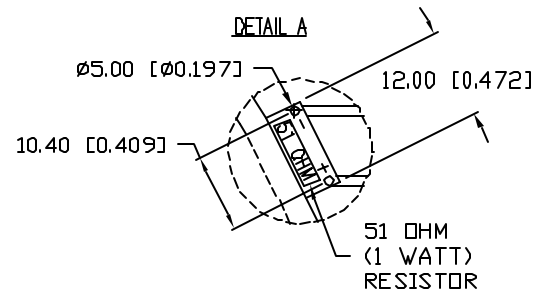
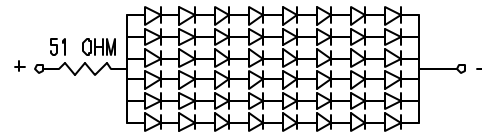


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6 IN PARALLEL,
8 IN SERIES,
WITH 51 OHM RESISTOR.



PART NUMBER
SSB-COB6370GW-T-6

REV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10408.	1.12.98
B	E.C.N. #10BRDR. & REDRAWN.	1.27.99
C	E.C.N. #10BRDR. & 10842.	3.15.02

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		24		V_f	
REVERSE VOLTAGE	48			V_r	$V_r=200\mu\text{A}$
LUMINOUS INTENSITY		365		cd/m^2	$I_f=100\text{mA}$
EMITTED COLOR:		GREEN			
REFLECTOR FINISH:		MILKY WHITE			

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	120	mA
POWER DISSIPATION	3.6	W
DERATE FROM 25°C	67.4	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

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

NOTES:

- BUNDLE WIRE.
- GLUE WIRES TO BACK OF PART
- COLOR MARK.

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.038), $XX=\pm 0.5$ (± 0.020), $XXX=\pm 0.25$ (± 0.010), $XXXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION

REV.
C

PART NUMBER
SSB-COB6370GW-T-6

TRIANGULAR BACKLIGHT DISPLAY, 48 CHIPS ON BOARD,
565nm GREEN, 24 VOLT.

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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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