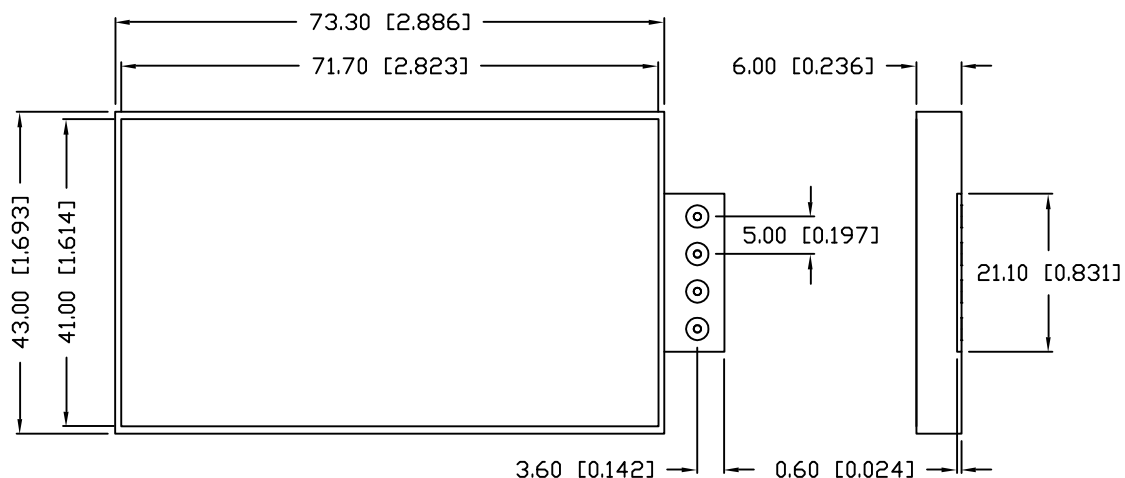


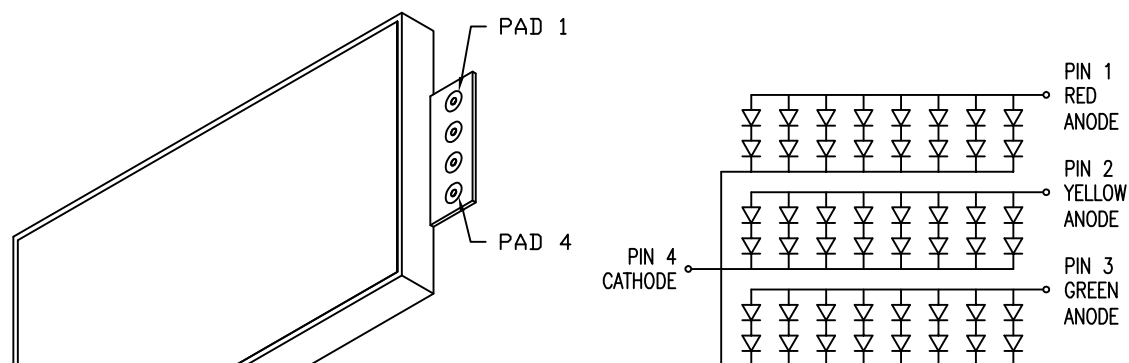
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
		590 (YELLOW)		nm	$I_f=70\text{mA}$
		572 (GREEN)		nm	
FORWARD VOLTAGE (R)		4.1	4.2	V_f	
		(Y)	4.0	V_f	$I_f=70\text{mA}$
		(G)	4.2	V_f	
REVERSE CURRENT			200	μA	$V_r=8\text{V}$
LUMINOUS INTENSITY (R)	150			cd/m^2	
	(Y)	100		cd/m^2	$I_f=70\text{mA}$
	(G)	150	200	cd/m^2	
SPECTRAL LINE HALFWIDTH		30		nm	

DIFFUSER TAPE FINISH: WHITE DIFFUSED

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
STEADY CURRENT	70	mA
POWER DISSIPATION	1.848	W
STORAGE TEMP.	-35 TO +85	$^\circ\text{C}$
OPERATING TEMP.	-20 TO +70	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	



*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-COB7240RYGW

41mm x 71.7mm TRI-COLOR BACKLIGHT,

SUPER RED/SUPER YELLOW/SUPER GREEN, WHITE DIFFUSED.

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:

GK/BC

CHECKED BY:

APPROVED BY:

DATE: 2.21.01

PAGE: 1 OF 1

SCALE: N/A