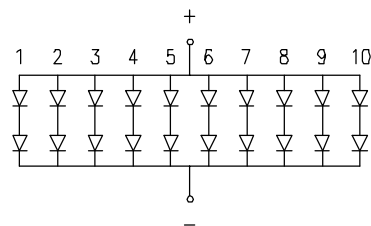
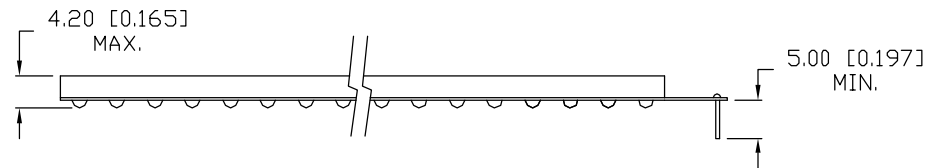
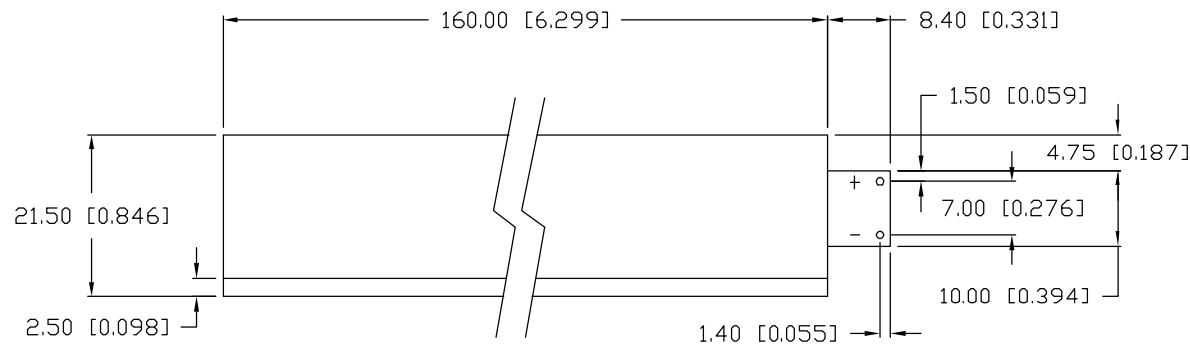


PART NUMBER
SSB-PG16019YW

REV.

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		4.2	5.2	V_f	
REVERSE VOLTAGE	10			V_r	$V_r = 100\mu\text{A}$
LUMINOUS INTENSITY		60		cd/m^2	$I_f = 200\text{mA}$
EMITTED COLOR:	YELLOW				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	300	mA
STEADY CURRENT	200	mA
POWER DISSIPATION	1.56	W
DERATE FROM 25°C	-9.2	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-30 TO +80	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

REPLACES PART#: SSB-PG16019-YC

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

REV.

PART NUMBER
SSB-PG16019YW

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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.

LUMEX
INCORPORATED

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160mm x 20mm P.C.B., SINGLE EDGELIT BACKLIGHT,
20 CHIPS, 585nm YELLOW, CLEAR WHITE.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 11-11-98
DU			PAGE: 1 OF 1
			SCALE: N/A