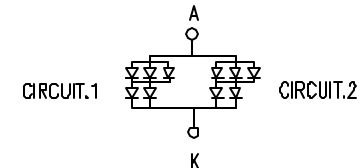


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER CIRCUIT $I_f=60\text{mA} \times 2$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		4.2	4.5	V_f	
REVERSE VOLTAGE	8			V_r	$I_f=1\text{mA}$
LUMINOUS INTENSITY		35		cd/m^2	$I_f=50\text{mA} \times 2$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	CLEAR WHITE WITH DIFFUSER				

LIMITS OF SAFE OPERATION AT 25°C PER CIRCUIT

PARAMETER	MAX	UNITS
STEADY CURRENT	80	mA
POWER DISSIPATION	0.36	W
DERATE FROM 25°C , PER DIE	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
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), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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-CER6647GW

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66mm x 47mm VIEW AREA, EDGE LIT LED BACKLIGHT WITH REFLECTOR, 565nm GREEN, 10 CHIPS, 4.2V @ 50mA PER CIRCUIT.

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.

DRAWN BY: JD	CHECKED BY:	APPROVED BY:	DATE: 7.16.04
			PAGE: 1 OF 1
			SCALE: N/A