Excellent Integrated System Limited

Stocking Distributor

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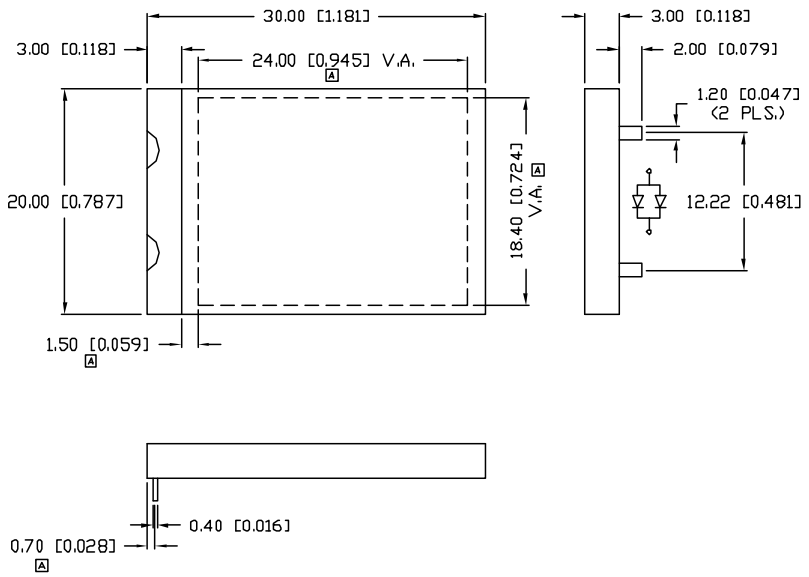
Lumex, Inc.
SSB-CEL2417SUGC

For any questions, you can email us directly:
sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

PART NUMBER	REV.
SSB-CEL2417SUGC	A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11036.	9.15.03



ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C PER MODULE I_F= 40 mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574 (GREEN)		nm	
FORWARD VOLTAGE		2.2	2.6	V_F	
REVERSE VOLTAGE	8			V_R	V_R =100μA
A LUMINOUS INTENSITY		12		cd/m²	I_F= 40 mA
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	−1.2	mW/°C
OPERATING TEMP.	−20 TO +70	°C
STORAGE TEMP.	−30 TO +80	°C
SOLDERING TEMP.	+240	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10μS

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*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
A	SSB-CEL2417SUGC

30mm x 20mm CUSTOM LED BACKLIGHT,
574nm GREEN LED, 2 CHIPS.

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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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CT			PAGE: 1 OF 1
			SCALE: N/A