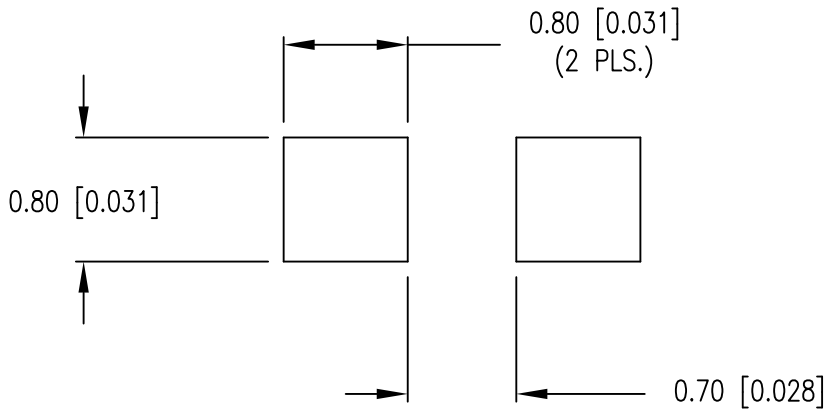


RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX0603UPGW-TR	REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.03.02	E.C.N. #10933.		A
03.14.03	E.C.N. #10967.		B
12.06.04	E.C.N. #11148.		C
03.05.09	E.C.N. #11508.		D
10.17.11	E.C.N. #10BRDR. & REDRAWN.		E
11.14.19	ECN-Lumex201900133		F

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		3.5	4.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		180		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	50	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING TEMP.	- 25 TO + 85	°C
STORAGE TEMP.	- 30 TO + 85	°C

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

- NOTES:
1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

D
B

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2a STANDARDS

Mouser Electronics

Authorized Distributor

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