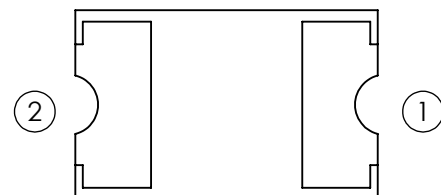
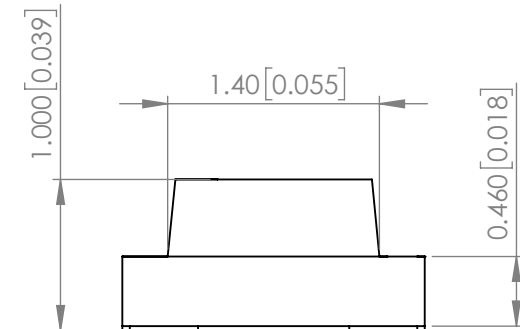
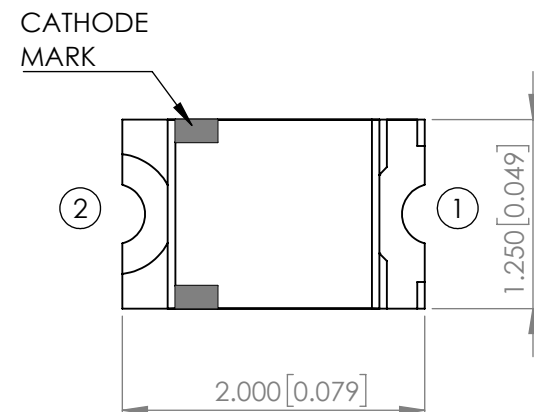




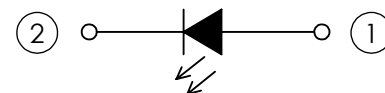
**THE DATASHEET OF
SML-LX0805YC-TR**



PART NUMBER	SML-LX0805YC-TR	REV	I
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10BRDR.	08.26.98	
B	E.C.N. #10644. & REDRAWN IN 3D.	07.18.00	
C	E.C.N. #10862.	05.09.02	
D	E.C.N. #10967.	03.14.03	
E	E.C.N. #11148.	09.26.07	
F	E.C.N. #11508.	03.06.09	
G	E.C.N. #10BRDR. & REDRAWN.	05.07.12	
H	ECN-Lumex201800106	06.13.18	
I	ECN-Lumex202100062	12.10.21	



POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

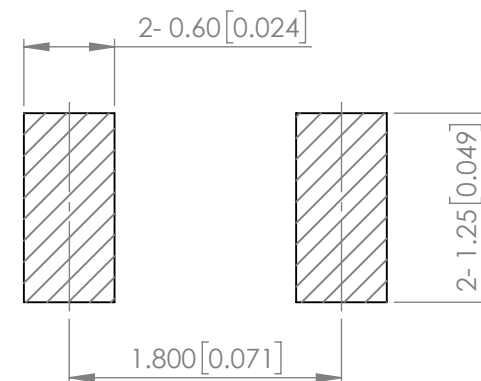
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	590	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.4	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	38	-	mcd	If=20mA
VIEWING ANGLE	-	140	-	2x theta1/2	-
EMITTED COLOR	YELLOW				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
FORWARD CURRENT	25	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	60	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C

* 1/10 DUTY CYCLE 0.1ms PULSE.

RECOMMENDED SOLDER PAD LAYOUT



MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

*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}

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View SML-LX0805YC-TR on WIN SOURCE](#)
- ⊖ [Lumex Opto/Components Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management