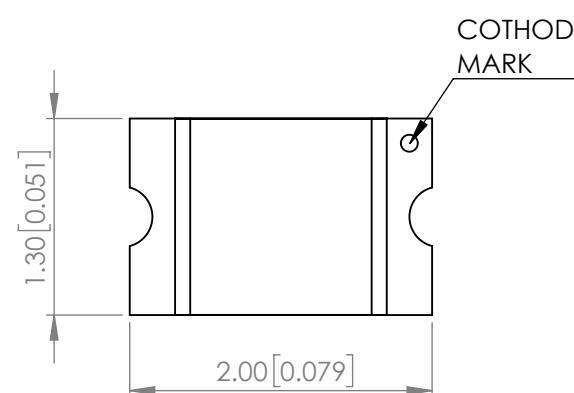
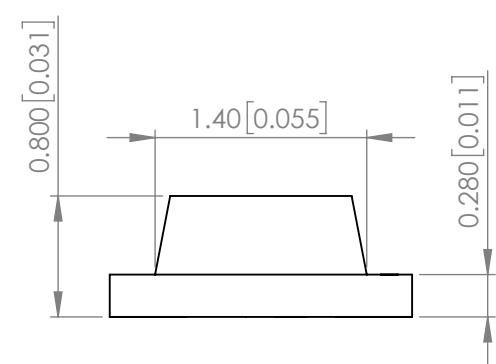
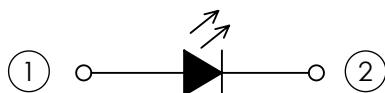


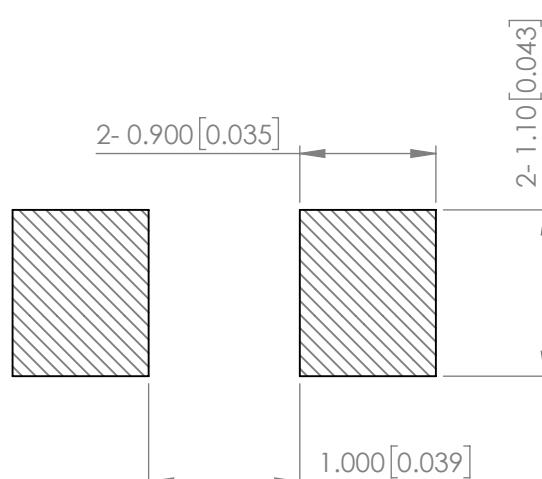
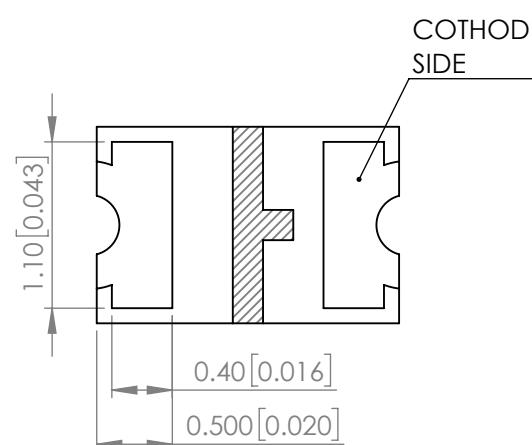
PART NUMBER		SML-LXT0805GW-TR	REV	G
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N #10567.			12.08.99
B	E.C.N #10695.			01.08.01
C	E.C.N #10814.			02.25.02
D	E.C.N #10967.			03.22.04
E	E.C.N #11248.			12.03.04
F	E.C.N #11508.			09.29.09
G	ECN-Lumex201800175			11.19.18



### POLARITY



### RECOMMENDED SOLDER PAD LAYOUT



### ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	570	-	nm	If=20mA
FORWARD VOLTAGE	-	2.2	2.6	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
LUMINOUS INTENSITY	-	18	-	mcd	If=20mA
VIEWING ANGLE	-	130	-	2x theta1/2	-
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				

### ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	40	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	52	mW
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +85	°C

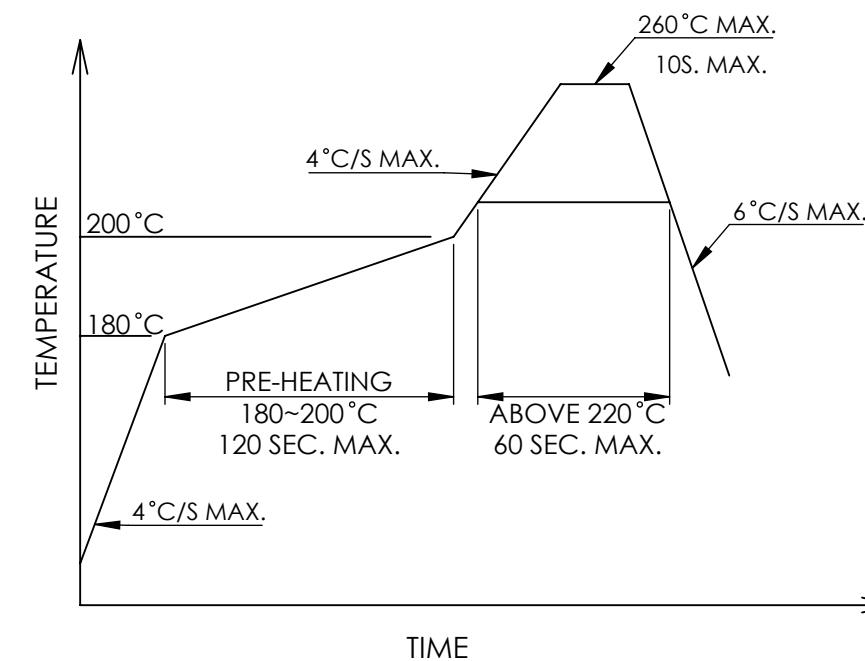
\*t<10us

MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 2a STANDARDS

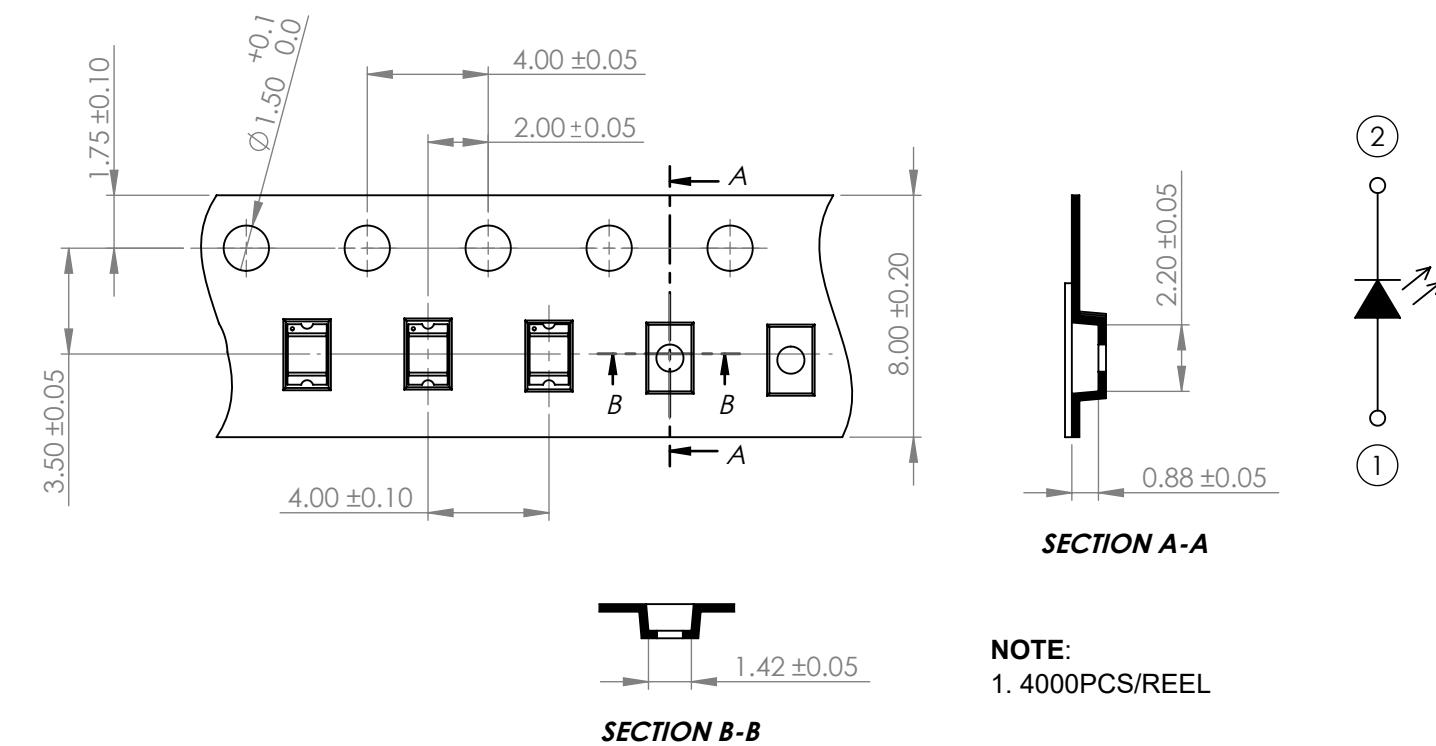
STATIC DEVICE FOLLOW PROPER  
E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART

\*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= <sup>+0.00</sup><sub>-0.00</sub> MAX= <sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION

### PROFILE



### CARRIER TAPE DIMENSION



\*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= <sup>+0.00</sup><sub>-0.00</sub> MAX= <sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION