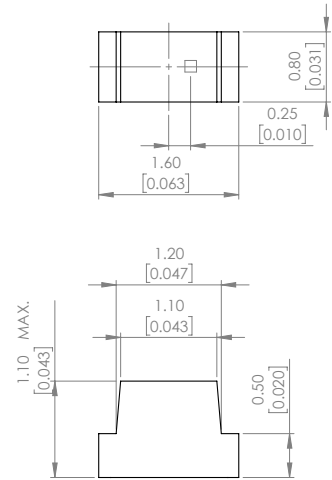
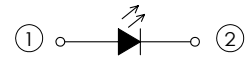


| PART NUMBER | | SML-LXFM0603SUGCTR | REV | E |
|-------------|-------------------------------------|--------------------|----------|---|
| REV | E.C.N. NUMBER AND REVISION COMMENTS | | DATE | |
| A | E.C.N. #10967. | | 3.14.03 | |
| B | E.C.N. #11148. | | 3.1.05 | |
| C | E.C.N. #11304. | | 1.26.06 | |
| D | E.C.N. #11889. | | 11.27.13 | |
| E | ECN-Lumex201700095 | | 24.10.17 | |



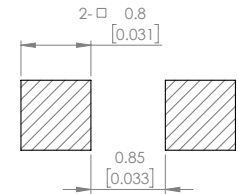
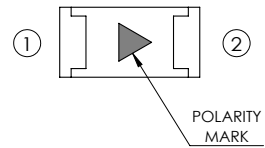
POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|--------------------|-------------|-----|-----|-------------|-----------|
| PEAK WAVELENGTH | - | 574 | - | nm | If=20mA |
| FORWARD VOLTAGE | - | 2.1 | 2.5 | Vf | If=20mA |
| REVERSE CURRENT | - | - | 10 | uA | VR=5V |
| LUMINOUS INTENSITY | 20 | 60 | - | mcd | If=20mA |
| VIEWING ANGLE | - | 120 | - | 2x theta1/2 | - |
| EMITTED COLOR | GREEN | | | | |
| EPOXY LENS FINISH | WATER CLEAR | | | | |

RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

| PARAMETER | MAX | UNITS |
|-----------------------|------------|-------|
| PEAK FORWARD CURRENT* | 150 | mA |
| FORWARD CURRENT | 30 | mA |
| REVERSE VOLTAGE | 5 | V |
| POWER DISSIPATION | 75 | mW |
| STORAGE TEMPERATURE | -40 TO +85 | °C |
| OPERATING TEMPERATURE | -40 TO +85 | °C |

*1/10 Duty Cycle, 0.1ms Pulse Width.

NOTE:
 1. RoHS COMPLIANT.
 2. PACKAGE : 2000PCS/REEL

MOISTURE SENSITIVE DEVICE
 PER JEDEC LEVEL 3 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= ^{±0.001}DECIMAL PRECISION, MAX= ^{±0.001}DECIMAL PRECISION

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 CAROL STREAM, IL 60188
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1.6(L)*0.8(W)*1.1(H)mm, SURFACE MOUNT LED ,GREEN ,574nm, AlGalnP , WATER CLEAR LENS, TAPE & REEL

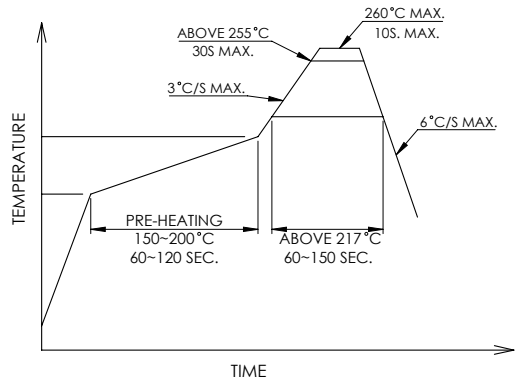
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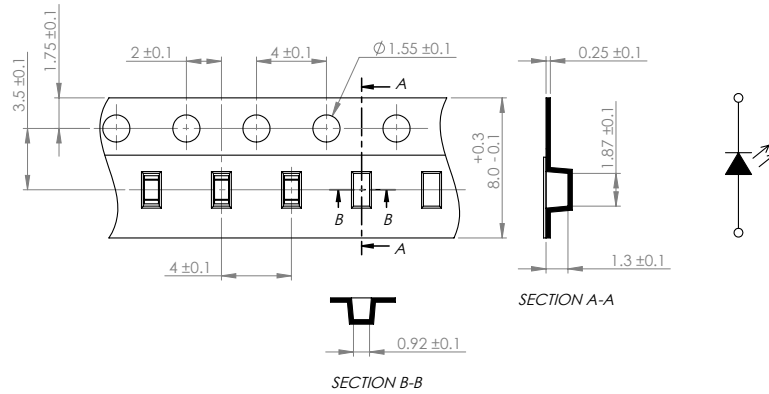
| | |
|-------------------|-----------------|
| DATE : 2017.10.24 | DRAWN BY : K.Y. |
| PAGE : 1 OF 2 | CHKD BY : E.C. |
| SCALE : NTF | APRVD BY : G.Y. |
| UNIT : mm [INCH] | |

| PART NUMBER | | SML-LXFM0603SUGCTR | REV | E |
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| D | E.C.N. #11889. | | 11.27.13 | |
| E | ECN-Lumex201700095 | | 24.10.17 | |

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= ^{±0.00} / _{0.00} DECIMAL PRECISION. MAX= ^{±0.00} / _{0.00} DECIMAL PRECISION.

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1.6(L)*0.8(W)*1.1(H)mm, SURFACE MOUNT LED ,GREEN ,574nm, AlGaInP , WATER CLEAR LENS, TAPE & REEL

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| | |
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| PAGE : 2 OF 2 | CHKD BY : E.C. |
| SCALE : NTF | APRVD BY : G.Y. |
| UNIT : mm [INCH] | |

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