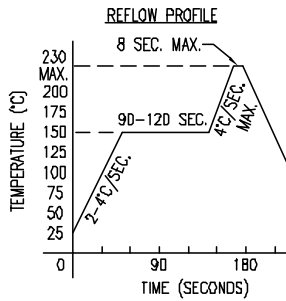
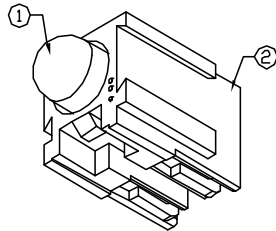
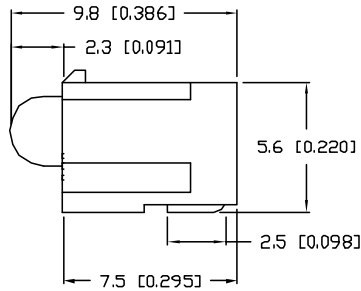
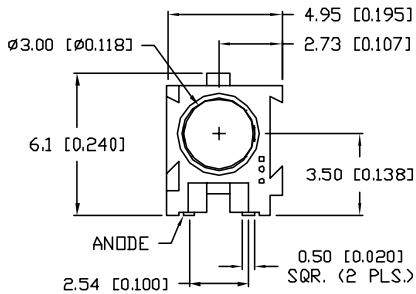
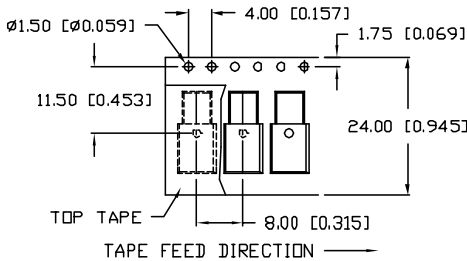
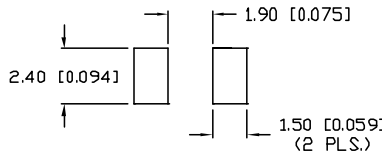


UNCONTROLLED DOCUMENT



RECOMMENDED SOLDER PAD LAYOUT



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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

| | | |
|-----------------|-------------------------------------|----------|
| PART NUMBER | | REV. |
| SMF-HM1340GD-TR | | B |
| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE |
| A | E.C.N. #10683. | 11.29.00 |
| B | E.C.N. #11148. | 01.15.07 |

| ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _f =20mA | | | | | |
|---|----------------|-----|-----|----------------|-----------------------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH | | 565 | | nm | |
| FORWARD VOLTAGE | | 2.2 | 2.6 | V _f | |
| REVERSE VOLTAGE | 5.0 | | | V _r | I _r =100µA |
| AXIAL INTENSITY | | 30 | | mcd | I _f =20mA |
| VIEWING ANGLE | | 60 | | 2x theta | |
| EMITTED COLOR: | GREEN | | | | |
| EPOXY LENS FINISH: | GREEN DIFFUSED | | | | |

| LIMITS OF SAFE OPERATION AT 25°C | | |
|----------------------------------|------------|------------|
| 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, STORAGE TEMP. | -40 TO +85 | °C |
| SOLDERING TEMP. | +260 | °C |
| 2.0mm FROM BODY | | 3 SEC. MAX |

* t<10µS

NOTES:

- SSL-LX305F4GD, GREEN LED.
- SSH-LXHM1340, MATING BLACK HOLDER.
- PARTS SUPPLIED ON TAPE AND REEL.



UNCONTROLLED DOCUMENT

| | |
|--|-----------------|
| REV. | PART NUMBER |
| B | SMF-HM1340GD-TR |
| T-3mm (T-1) MATING SMT RIGHT ANGLE FAULT INDICATOR, 565nm GREEN LEDS, GREEN DIFFUSED LENS. | |

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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.

| | | | |
|-----------|-------------|---|--------------|
| | | 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw | |
| DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE: |
| JC | | | 2.21.00 |
| | | | PAGE: 1 OF 1 |
| | | | SCALE: N/A |