

UNCONTROLLED DOCUMENT

2.60 [0.102]
 1.75 [0.069]
 1.35 [0.053]

LX #

ANODE → CATHODE

Ø3.00 [Ø0.118]

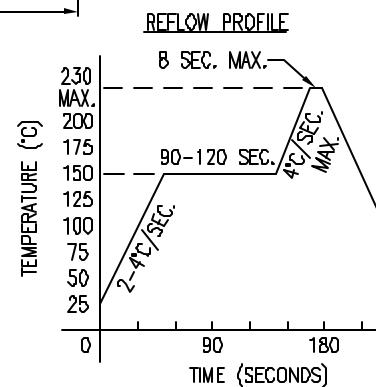
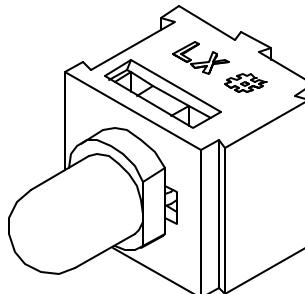
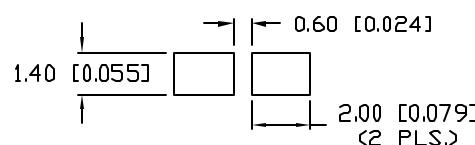
6.80 [0.268]

Ø4.00 [Ø0.157]
 6.00 [0.236]
 3.10 [0.122]
 3.18 [0.125]

4.3 [0.167]

12.0 [0.470]

6.80 [0.268]

RECOMMENDED SOLDER PAD LAYOUT

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	585			nm	
FORWARD VOLTAGE		2.1	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100µA
AXIAL INTENSITY	30			mod	I _f =20mA
VIEWING ANGLE	60			2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

* t<10µS

NOTES:

1. SSL-LX3054YD, YELLOW LED, TRIM LEADS TO 5.35mm MAX.
2. SMS-LXU1530, SURFACE MOUNT SOCKET.

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*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 MAX=+0.00



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REV.

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PART NUMBER

SMF-HM1530YD-305

SURFACE MOUNT SOCKET FAULT INDICATOR,
 T-3mm (T-1) 585nm YELLOW LED, YELLOW 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.

DRAWN BY: JC CHECKED BY: APPROVED BY: DATE: 3.23.00
 PAGE: 1 OF 1
 SCALE: N/A

Mouser Electronics

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