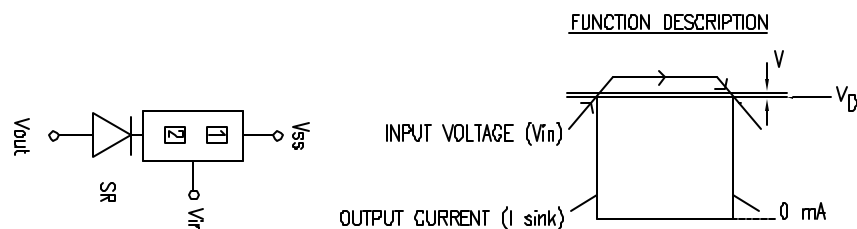
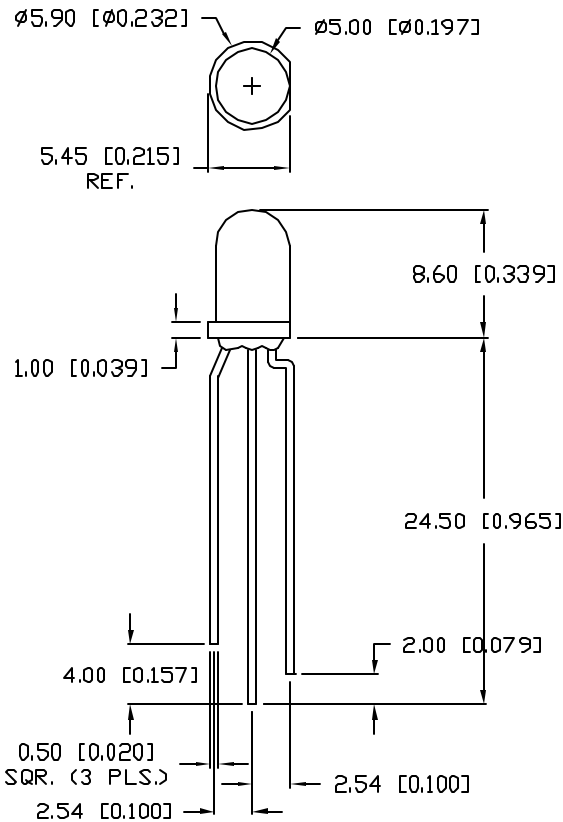
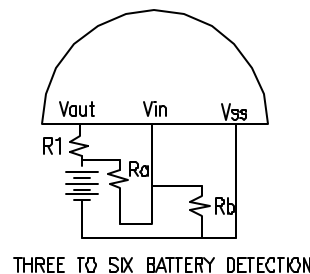


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EXTERNAL PARTS CONNECTION



THREE TO SIX BATTERY DETECTION

NOTES

- $V_D \approx \frac{R_a + R_b}{R_b} \times 2.5V$
- $V_{hys} \approx \frac{R_a + R_b}{R_b} \times 100mV$
- PLEASE NOTE THAT WHEN VALUE OF R_a BECOMES EXCESSIVELY LARGE, THE DETECTION VOLTAGE MAY DIFFER FROM THE VALUE CALCULATED BY THE USE OF THE ABOVE FORMULA.
- R_1 IS OPTIONAL FOR LIMITING OUTPUT CURRENT.
- $R_a + R_b < \frac{V_{bat}}{I_{in}} \times E\%, I_{in} \ll I_R$

E% = RESISTOR TOLERANCE

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*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 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.

D

PART NUMBER

SSL-LX5099LBI-SRD

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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.



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T-5mm (T-1 3/4) LED, LOW BATTERY DETECTOR LED,
SUPER RED, FOR 3~6 BATTERIES.

DRAWN BY:

JC

CHECKED BY:

APPROVED BY:

DATE: 11.07.06

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SCALE: N/A

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