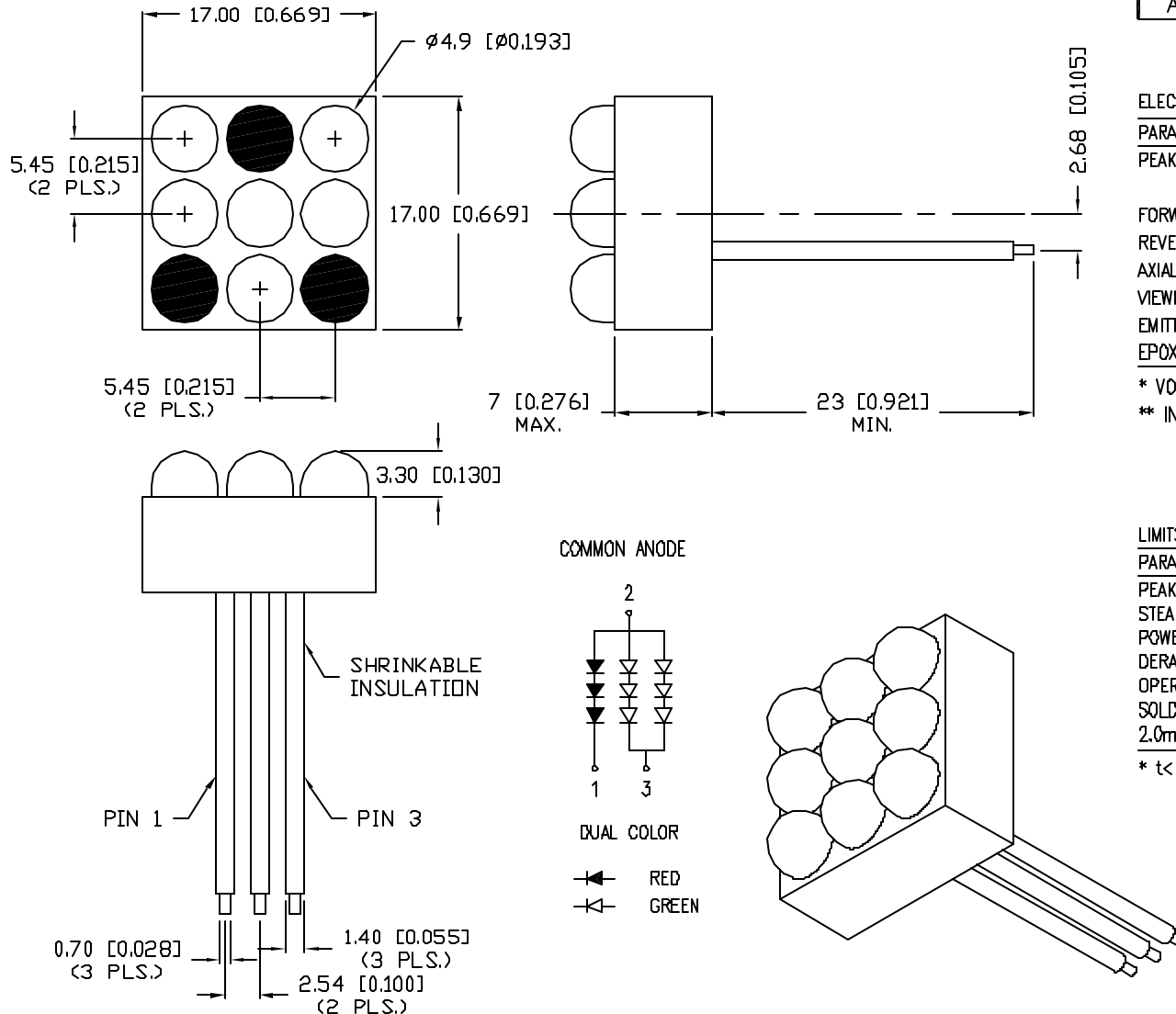


UNCONTROLLED DOCUMENT

PART NUMBER
SSP-LXS06762S9A

REV.
A

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE |
|------|-------------------------------------|---------|
| A | E.C.N. #10582. | 1-13-00 |



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20/40\text{mA}$

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|-------------------------|-----------------------|----------|---------|----------------|-------------------------|
| PEAK WAVELENGTH | | 660 (R) | | nm | |
| | | 565 (G) | | nm | |
| FORWARD VOLTAGE* (R/G) | | 5.4/6.6 | 6.9/7.8 | V _f | |
| REVERSE VOLTAGE (R/G) | 4.0/5.0 | | | V _r | I _r =100μA |
| AXIAL INTENSITY** (R/G) | | 2000/300 | | mcd | I _f =20/40mA |
| VIEWING ANGLE | | 30 | | 2x theta | |
| EMITTED COLOR: | SUPER RED/SUPER GREEN | | | | |
| EPOXY LENS FINISH: | WATER CLEAR | | | | |

* VOLTAGE FOR: PIN 1/PIN 3
** INTENSITY PER DIE. TEST CONDITION: CURRENT FOR PIN 1/PIN 3

LIMITS OF SAFE OPERATION AT 25°C PER DIE

| PARAMETER | COLORS | MAX | UNITS |
|--------------------------|--------|------------|------------|
| PEAK FORWARD CURRENT* | | 150 | mA |
| STEADY CURRENT | (R/G) | 30/25 | mA |
| POWER DISSIPATION | | 105 | mW |
| DERATE FROM 25°C | | -1.6 | mW/°C |
| OPERATING, STORAGE TEMP. | | -30 TO +70 | °C |
| SOLDERING TEMP. | | +260 | °C |
| 2.0mm FROM BODY | | | 3 SEC. MAX |

* $t < 10\mu\text{s}$

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), 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.=+DECIMAL PRECISION

| | |
|--|--------------------------------|
| REV. A | PART NUMBER SSP-LXS06762S9A |
| 0.67" SQUARE, 9 LAMP POLYLED, COMMON ANODE, RED/GREEN LEDS, WATER CLEAR LENS. | |

CONFIDENTIAL INFORMATION
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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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