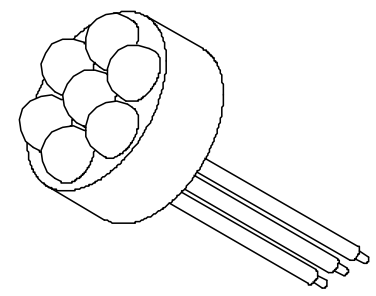
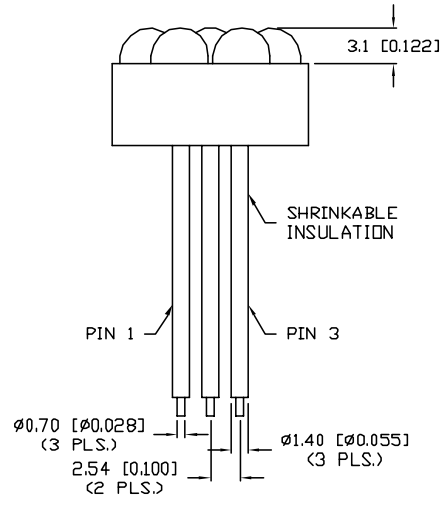
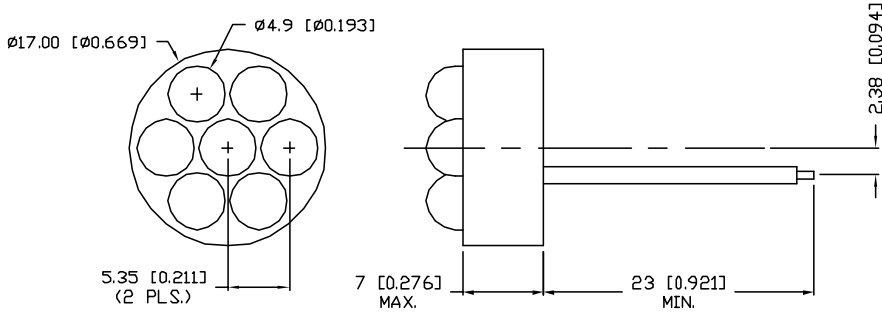


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SSP-LXC06767A

REV.



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

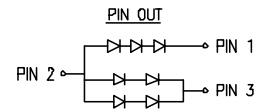
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE**		5.4/3.6	6.9/4.6	V _f	
REVERSE VOLTAGE	4.0			V _r	I _f =100μA
AXIAL INTENSITY *		2000		md	I _f =20/40mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	SUPER RED				
EPOXY LENS FINISH:	WATER CLEAR				

* INTENSITY PER DIE.
**VOLTAGE FOR PIN 1/PIN 3

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +70	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10μS



*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= -0.00 (DECIMAL PRECISION MAX= +0.00 DECIMAL PRECISION)

UNCONTROLLED DOCUMENT

REV.	PART NUMBER SSP-LXC06767A
0.67" CIRCULAR, 7 LED CLUSTER, 660nm AlGaS RED LEDS, WATER CLEAR 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.



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