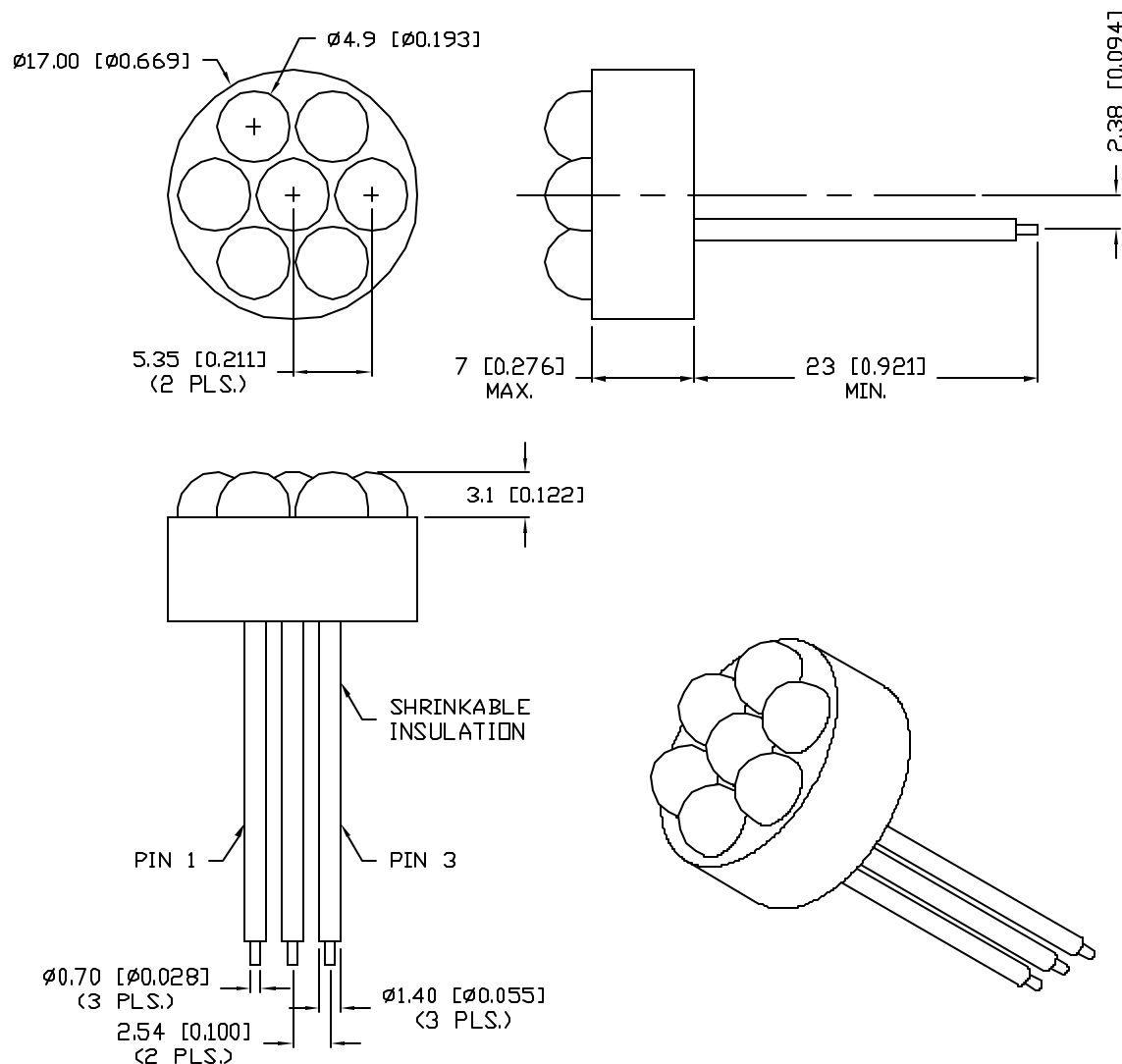


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ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20/40\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE**		6.3/4.2	7.5/5.0	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY *		1200		mcd	I _f =20/40mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	SUPER YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				

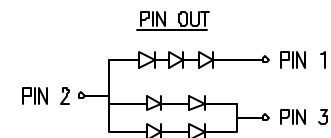
* INTENSITY PER DIE.

**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	105	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

* $t < 10 \mu s$



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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 {±0.038}, 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=+DECIMAL PRECISION MAX=+0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSP-LXC0673S7A

0.67" CIRCULAR, 7 LED CLUSTER.

590nm AlInGaP YELLOW 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.



286 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.2867
WEB: www.sunbriteleds.com

DRAWN:
BC

CHECKED:

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DATE: 1.14.00
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