



**THE DATASHEET OF
SSP-LXS06762S9A**

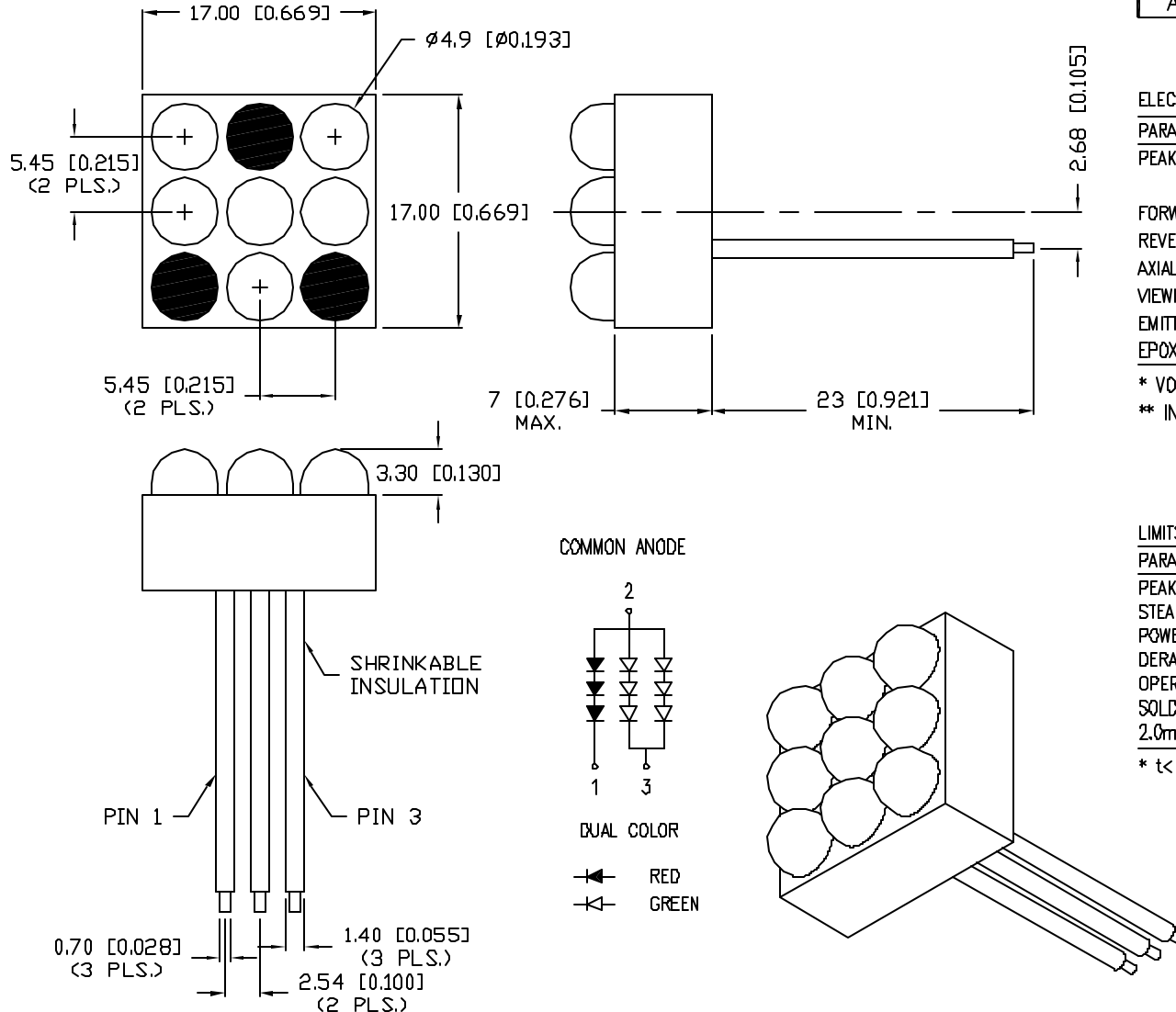


UNCONTROLLED DOCUMENT

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

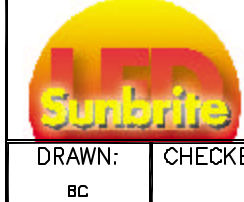
* t<10μs

*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.	

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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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