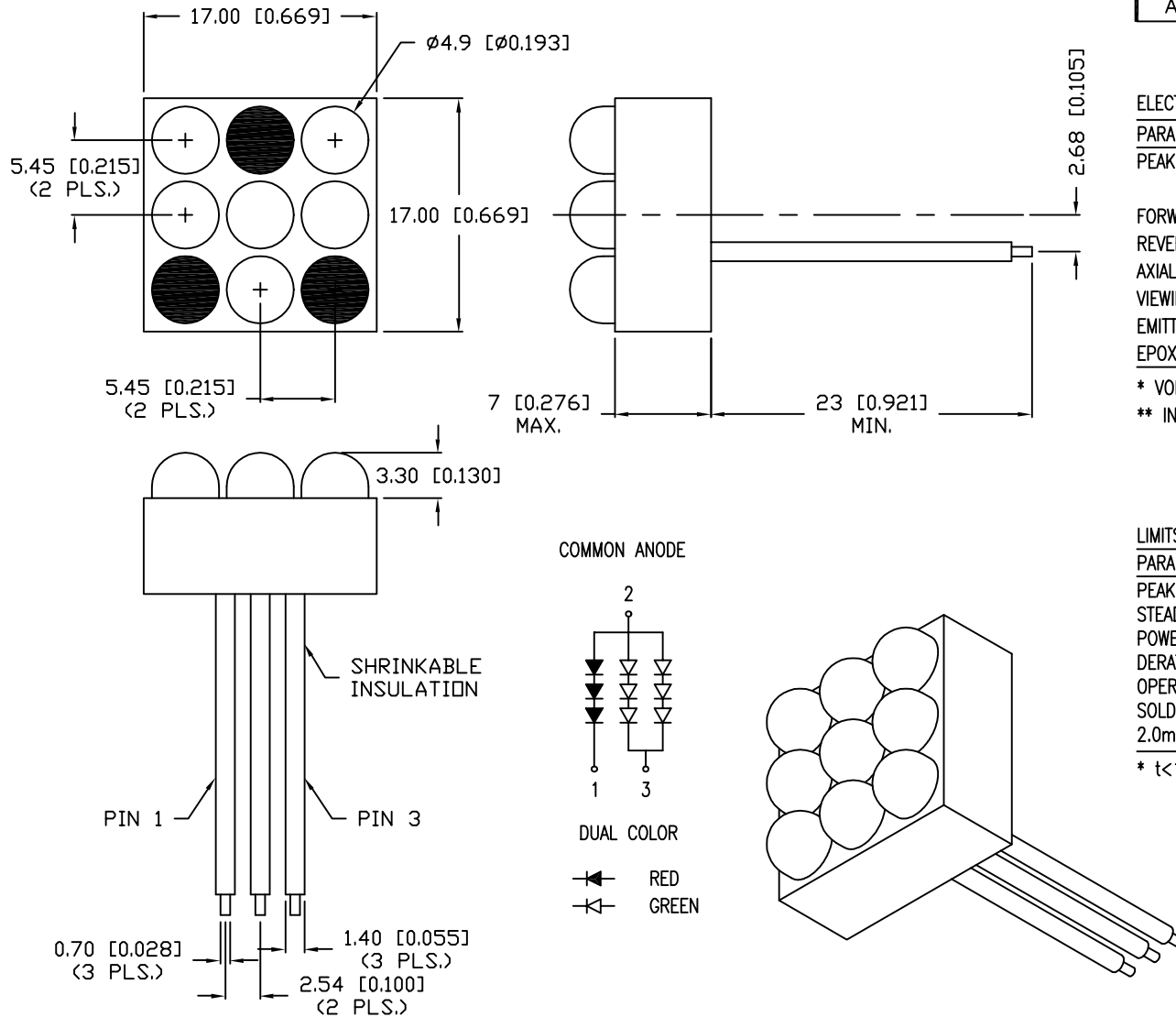


UNCONTROLLED DOCUMENT

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) 565 (G)		nm	
FORWARD VOLTAGE * (R/G)		5.4/6.6	6.9/7.8	V <sub>f</sub>	
REVERSE VOLTAGE (R/G)	4.0/5.0			V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY ** (R/G)		2000/300		mcd	I <sub>f</sub> =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

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

\*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010). LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

REV.

A

PART NUMBER

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0.67" SQUARE, 9 LED CLUSTER, DUAL COLOR,  
660nm RED LEDS, 565nm SUPER GREEN LEDS,  
WATER CLEAR LENS, COMMON ANODE.

## 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.

**LUMEX**  
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PAGE: 1 OF 1

SCALE: N/A

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