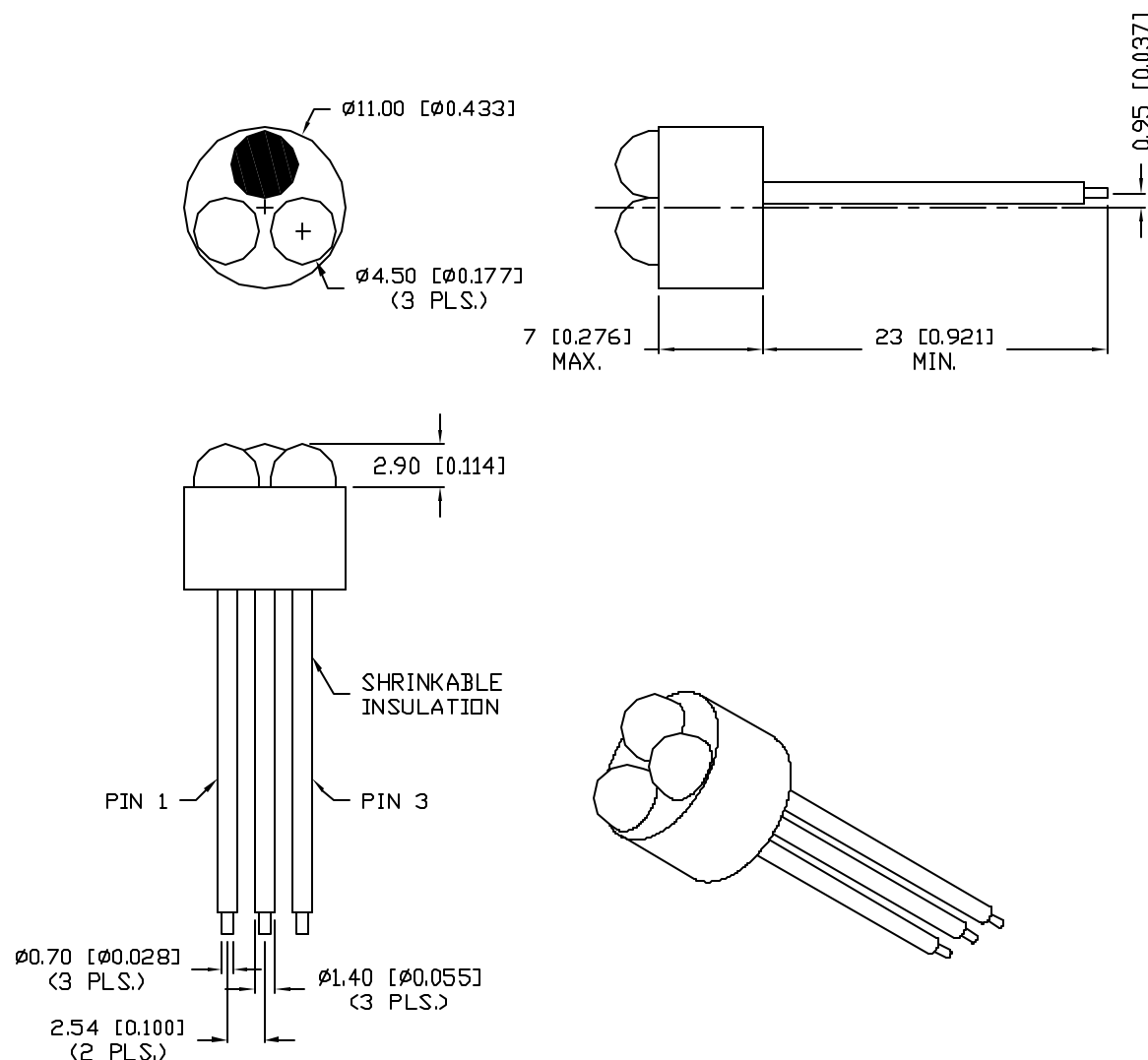


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20/40\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (R)		nm	
		565 (G)		nm	
FORWARD VOLTAGE*	(R/G)	1.8/2.2	2.3/2.6	V_f	
REVERSE VOLTAGE	(R/G)	4.0/5.0		V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY**	(R/G)	2000/300		mcd	$I_f=20/40\text{mA}$
VIEWING ANGLE		30		$2\times\theta$	

EMITTED COLOR: SUPER RED/SUPER GREEN

EPOXY LENS FINISH: WATER CLEAR

* VOLTAGE FOR PIN 1/VOLTAGE FOR PIN 3

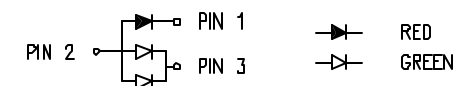
** INTENSITY PER DIE. TEST CONDITION: CURRENT FOR PIN 1/PIN 3

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		-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.		-30 TO +70	$^{\circ}\text{C}$
SOLDERING TEMP.		+260	$^{\circ}\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

PIN OUT



UNCONTROLLED DOCUMENT

*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=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.

PART NUMBER

SSP-LXC04362S3A

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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0.43" CIRCULAR, 3 LED CLUSTER, COMMON ANODE,
660nm RED/565nm GREEN LEDS, WATER CLEAR LENS.

DRAWN:
BC

CHECKED:

APPROVED:

DATE: 1.17.00
PAGE: 1 OF 1