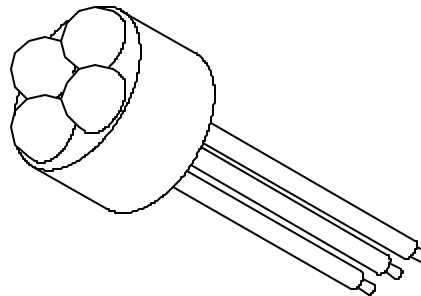
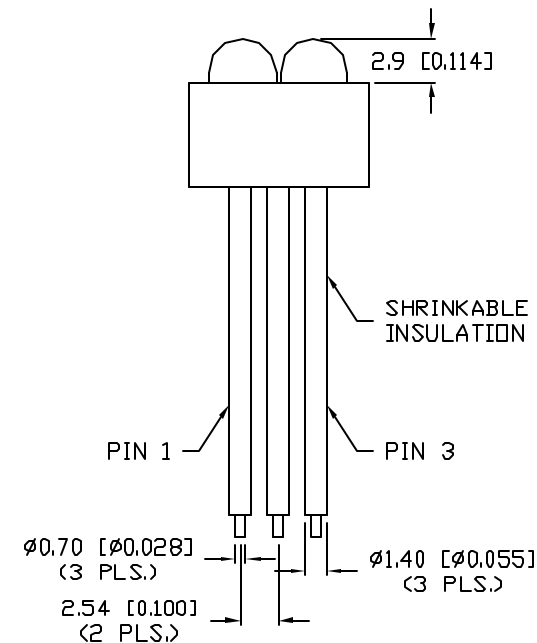
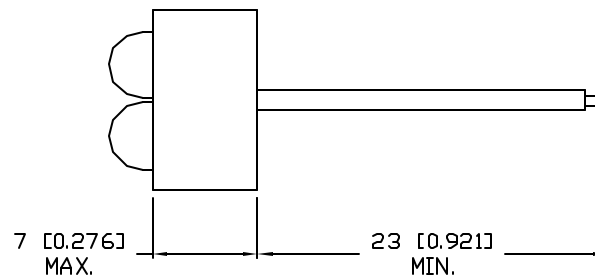
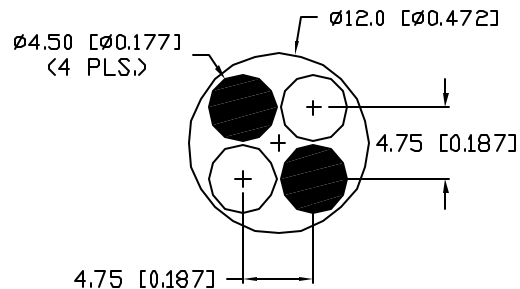


UNCONTROLLED DOCUMENT

PART NUMBER
SSP-LXC04762S4AREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR.	10.16.03



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)		3.6/4.4	4.6/5.2	V _f	
REVERSE VOLTAGE (R/G)	4.0/5.0			V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY** (R/G)		2000/300		mcd	$I_f=20/40\text{mA}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED/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

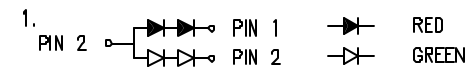
LIMITS OF SAFE OPERATION AT 25°C PER DIE

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/°C
OPERATING, STORAGE TEMP.		-30 TO +70	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

PIN OUT



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

REV.

A

PART NUMBER

SSP-LXC04762S4A

0.47" CIRCULAR, 4 LED CLUSTER, DUAL COLOR,
660nm SUPER 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.

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APPROVED:

DATE: 1.14.00

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