

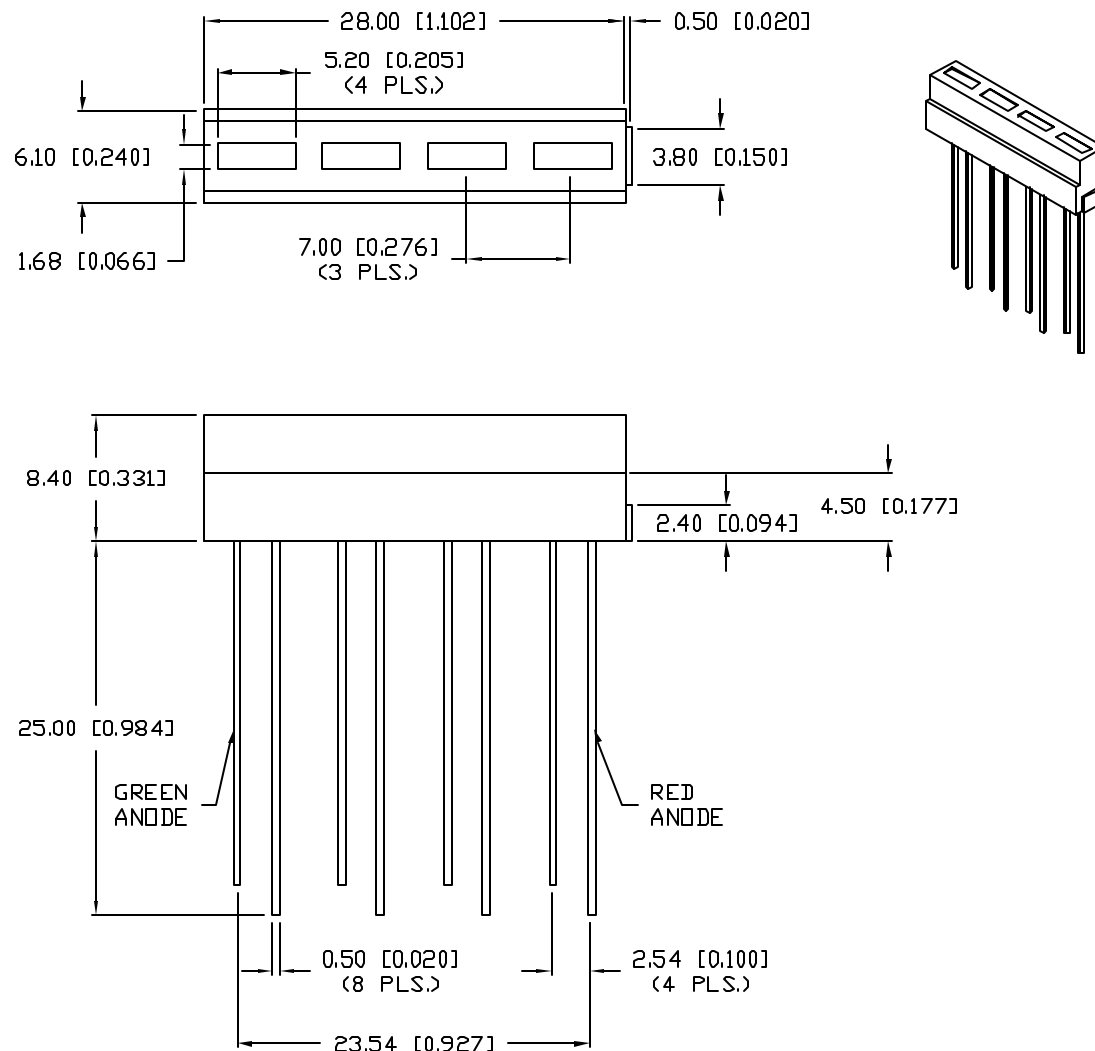
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PART NUMBER

REV.

SSA-LXB425IGW

PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS			T _A =25°C		I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		635 (RED)		nm		
		565 (GREEN)		nm		
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V _f		
REVERSE VOLTAGE	5.0			V _r	I _r =100μA	
AXIAL INTENSITY (R/G)		10/7		mcd	I _f =20mA	
VIEWING ANGLE		120		2x theta		
EMITTED COLOR:	RED/GREEN					
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED					

LIMITS OF SAFE OPERATION AT 25°C			
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.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* $t < 10 \mu s$

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), 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
-0.00 MAX.=+0.00
-DECIMAL PRECISION

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SSA-LXB425IGW

2mm x 5mm RECTANGULAR 4 LED ARRAY,
635nm RED/565nm GREEN BICOLOR LEDS,
MILKY WHITE DIFFUSED 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.



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SCALE: N/A
