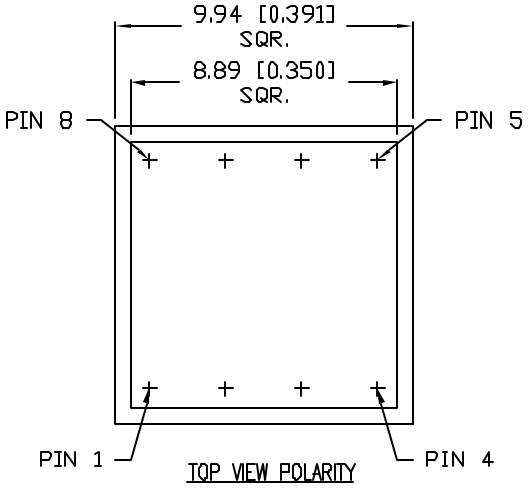
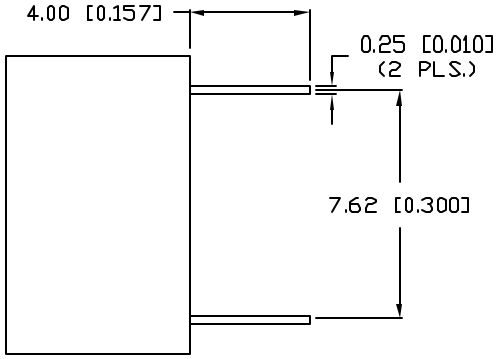
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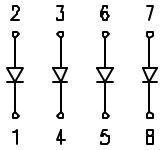
PART NUMBER
SSB-LX2755SBD/A

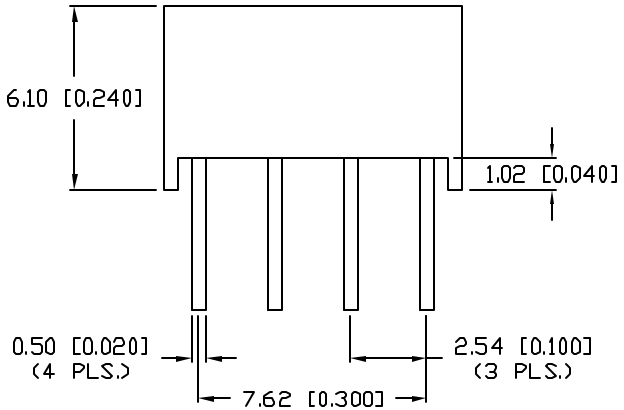
REV.

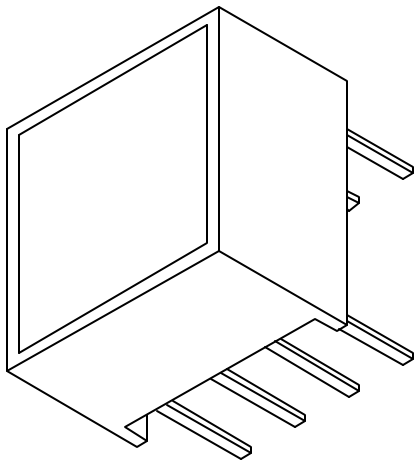




TOP VIEW POLARITY







ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f= 20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		430		nm	
FORWARD VOLTAGE		3.8	4.5	Vf	
REVERSE VOLTAGE	5.0			Vr	I_r=100µA
AXIAL INTENSITY		38		mcd	I_f= 20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	BLUE				
EPOXY LENS FINISH:	BLUE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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<10µS

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

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=$^{\pm\text{DECIMAL PRECISION}}_{-0.00}$ MAX.=$^{+0.00}_{-\text{DECIMAL PRECISION}}$

REV.

PART NUMBER
SSB-LX2755SBD/A

10mm x 10mm SQUARE 4 CHIP LIGHT BAR,
430nm SUPER BLUE CHIPS, BLUE DIFFUSED.

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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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