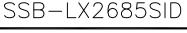
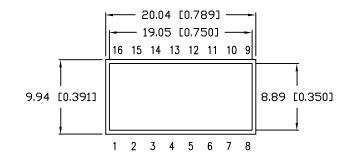
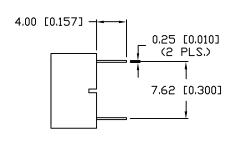
## UNCONTROLLED DOCUMENT

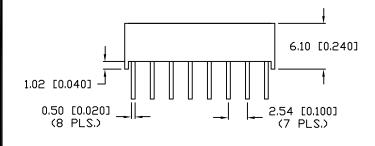
PART NUMBER

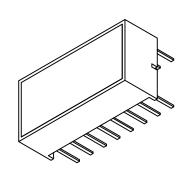






ELECTRO-OPTICAL CH	ARACTERIS	TICS TA=25°C		$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.1	2.8	$v_f$	
REVERSE VOLTAGE	5.0			$v_r$	Ir=100µA
AXIAL INTENSITY		120		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIF	FUSED			





LIMITS OF SAFE OPERATION AT 25 C	PER DIE	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 0.5	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	<b>.</b> C
SOLDERING TEMP.	+ 260	<b>.</b> C
2.0mm FROM BODY		3 SEC. MAX
` <u> </u>		

LIMITE OF CAFE ODERATION AT AGO, DED DIE

\* t<10µS

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 MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05 (±0.005). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05 (±0.005). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05 (±0.005). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.005). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). MIN=+DECIMAL PRECISI

PART NUMBER SSB-LX2685SID

10 11 14 15

5 8 9 12 13 16

19.05mm x 8.89mm LIGHT BAR, RED DIFFUSED.

REV.

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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.



CT

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PAGE: 1 OF 1 SCALE: N/A

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