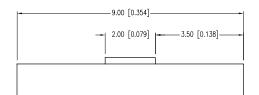
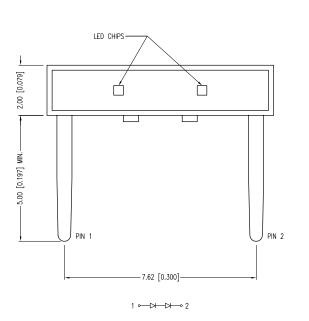
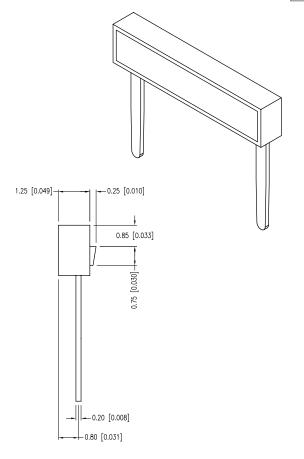
UNCONTROLLED DOCUMENT

Creating LED and LCD Solutions Together™

PART	NUMBER		SSB-LX02SYC	REV.	В
D,	ATE		E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.2	29.98 E	E.C.N. #	10BRDR. & REDRAWN.		Α
03.	30.11 E	E.C.N. #	10BRDR. & REDRAWN.		В







PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		4.2	5.0	V_{f}	
REVERSE VOLTAGE	10			V_r	I _r =100uA
axial intensity		170		mcd	I _f =20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW	TRANSPARENT			

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	-0.25	m₩/*C
OPERATING TEMP.	-20 TO +70	.С
STORAGE TEMP.	-40 TO +80	•C
SOLDERING TEMP.	+240	•C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ ((±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 +0.00 MIN= +DECIMAL PRECISION	UNC	'ONTROLL	.ED DOCU	MENT
290 E. HELEN ROAD	2 CHIP LCD ILLUMINATOR, 590nm YELLOW, YELLOW TRANSPARENT LENS.	DATE:	03.30.11	DRAWN BY:	AB

PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM

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7,11,10	Į	SCALE: NTS	APRVD BY: YA	
UNIT: mm [INCH] (Pb)	ļ		APRVD BY: YA	

Mouser Electronics

Authorized Distributor

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