PART NUMBER		SSB−LX2720YD		REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS				REV.
07.06.96	E.C.N. #10208.				A
06.26.01	E.C.N. #10BRDR. & REDRAWN.				B
07.19.11	E.C.N. #10BRDR. & REDRAWN.				C

PIN 16
PIN 9
PIN 1
PIN 8

6.10 [0.240]
4.00 [0.157]
9.94 [0.391]
8.89 [0.350]
9.94 [0.391]
7.62 [0.300]
0.25 [0.010]

3.81 [0.150] (4 PLS.)
1.27 [0.050] (3 PLS.)
20.04 [0.789]

1.02 [0.040]
0.50 [0.020] TYP.
2.54 [0.100] TYP.
17.78 [0.700]

2 3 6 7 10 11 14 15
1 4 5 8 9 12 13 16
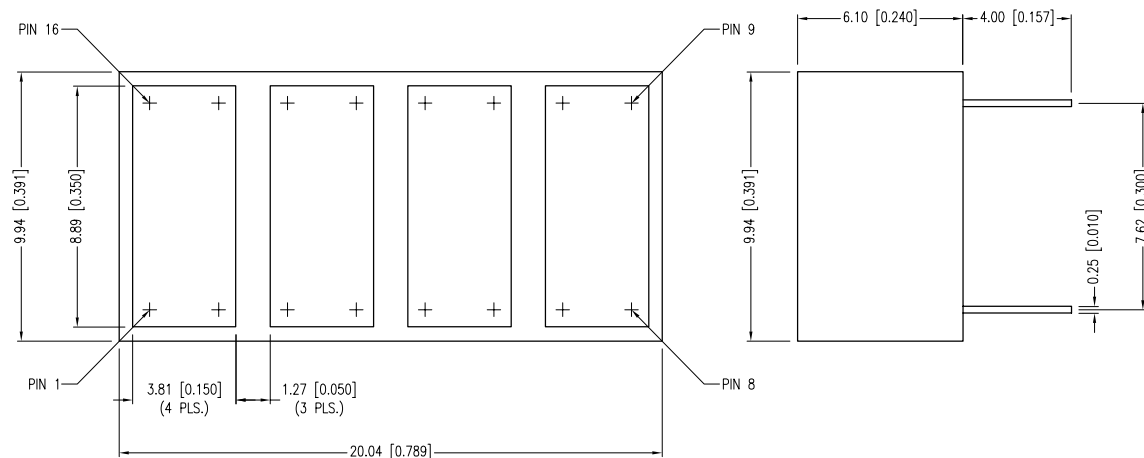
ELECTRO−OPTICAL CHARACTERISTICS Ta=25°C   If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.1	2.8	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		18		mcd	If=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

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 TEMP.	−40 TO +85	°C
STORAGE TEMP.	−40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

* t<10µS
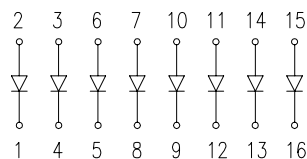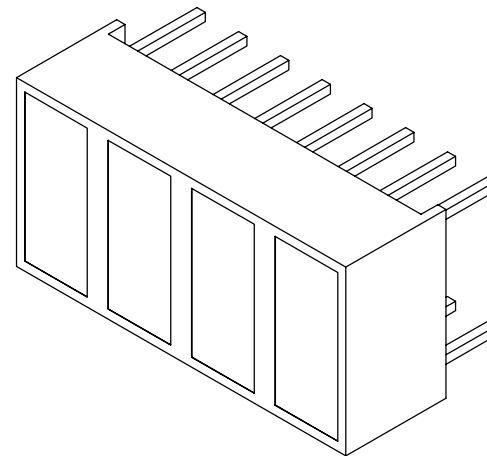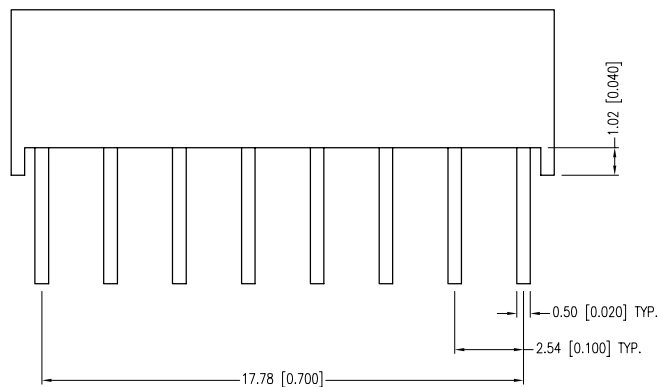
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10mm x 20mm, 4 WINDOW, 8 CHIP LIGHT BAR, YELLOW CHIPS, YELLOW DIFFUSED.

DATE:	07.19.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		

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