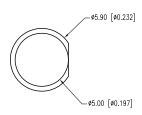
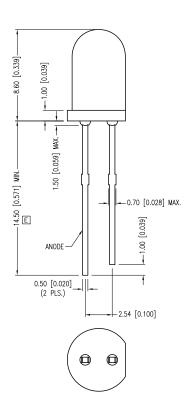
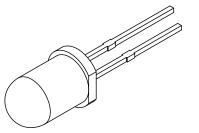
UNCONTROLLED DOCUMENT







PART NUMBER	OED-CL-1L1 RE	٧.	Е
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.29.95	E.C.N. #10BRDR. & REDRAWN.		Α
04.26.96	E.C.N. #10157.		В
01.05.98	E.C.N. #10BRDR.		С
11.14.02	E.C.N. #10BRDR. & REDRAWN.		D
02.14.12	E.C.N. #11806/10BRDR. & REDRAWN.		E

ELECTRO-OPTICAL CH	HARACTERISTICS Ta=2	5°C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		880		nm	
SPECTRAL BANDWIDTH	ł	80		nm	
FORWARD VOLTAGE		1.9		Vf	If=50mA
REVERSE VOLTAGE	5.0			Vr	lr=100µA
RADIANT INTENSITY		30		mW/SR	If=50mA
HALF ANGLE		±10		degrees	
LENS FINISH:	WATER CLEAR				

PARAMETER MAX UNITS PEAK FORWARD CURRENT* 1 A STEADY CURRENT 100 mA POWER DISSIPATION 190 mW DERATE FROM 25°C -1.2 mW/°C OPERATING TEMP. -25 TO +85 °C STORAGE TEMP. -40 TO +85 °C SOLDERING TEMP. +260 °C	LIMITS OF SAFE OPERATION AT 25°C		
STEADY CURRENT 100 mA POWER DISSIPATION 190 mW DERATE FROM 25°C -1.2 mW/°C DEPEATING TEMP. -25 TO +85 °C STORAGE TEMP. -40 TO +85 °C SOLDERING TEMP. +260 °C	PARAMETER	MAX	UNITS
POWER DISSIPATION 190 mW DERATE FROM 25°C -1.2 mW/°C DPERATING TEMP. -25 TO +85 °C STORAGE TEMP. -40 TO +85 °C SOLDERING TEMP. +260 °C	PEAK FORWARD CURRENT*	1	A
DERATE FROM 25°C -1.2 mW/°C DPERATING TEMP. -25 TO +85 °C STORAGE TEMP. -40 TO +85 °C SOLDERING TEMP. +260 °C	STEADY CURRENT	100	mA
OPERATING TEMP. -25 TO +85 °C STORAGE TEMP. -40 TO +85 °C SOLDERING TEMP. +260 °C	POWER DISSIPATION	190	mW
STORAGE TEMP40 TO +85 °C SOLDERING TEMP. +260 °C	DERATE FROM 25°C	-1.2	mW/*C
SOLDERING TEMP. +260 °C	OPERATING TEMP.	-25 TO +85	•C
	STORAGE TEMP.	-40 TO +85	•C
2.0 FD0W D0DW 7	SOLDERING TEMP.	+260	•C
2.0mm FROM BODY 3 SEC.	2.0mm FROM BODY	3	SEC.

* tp<100µS, tp/T=0.01

*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= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.000}$ MAX.= $^{+0.00}_{-0.000}$ PRECISION $^{-0.000}_{-0.000}$ MAX.= $^{+0.000}_{-0.000}$ PRECISION $^{-0.000}_{-0.000}$ PRECISION $^{-0.000}_{-0.000}$



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THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	02.14.1	2	DRAWN BY:	AB
PAGE:	1 OF	1	CHKD BY:	
SCALE:	NTS		APRVD BY:	
UNIT: mm [INCH]			(Po)	