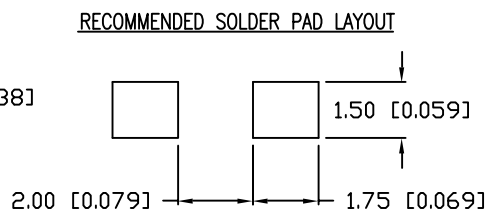
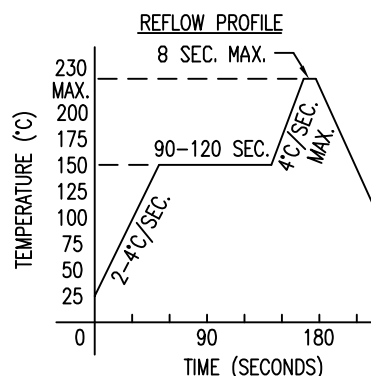
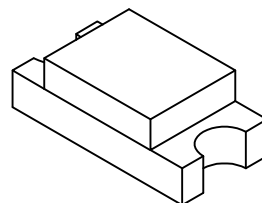
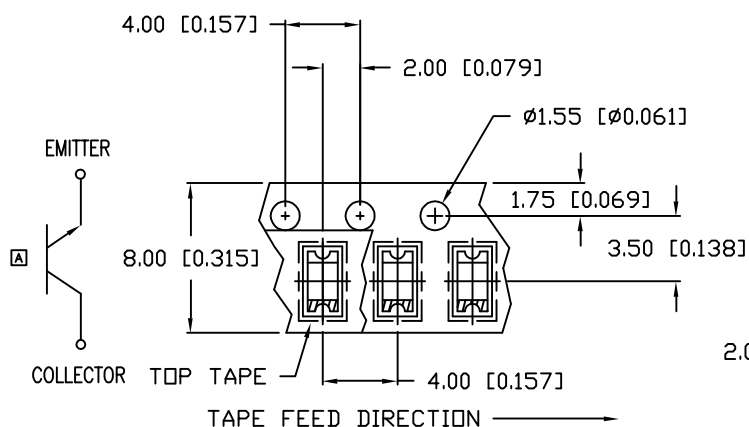
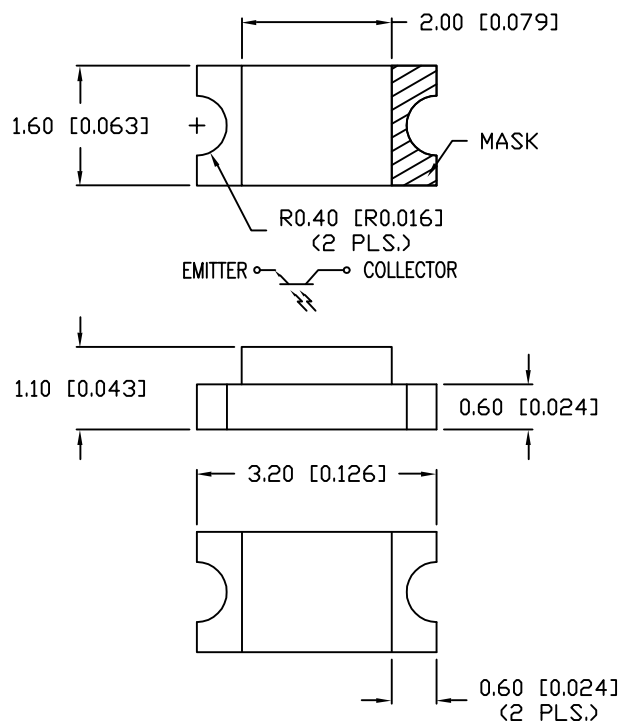


UNCONTROLLED DOCUMENT



*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).

PART NUMBER		REV.
OED-ST1206C-TR		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10905.	9.05.02

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$			$I_f=20\text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
COLLECTOR DARK CURRENT			100	nA	$V_{ce} = 20\text{V}$ $E_e = 0 \text{ mw/cm}^2$
COLLECTOR LIGHT CURRENT	0.1	0.3		mA	$V_{ce} = 5\text{V}$ $E_e = 1 \text{ mw/cm}^2$
COLLECTOR-EMITTER SATURATION VOLTAGE			0.4	V	$I_c=2\text{mA}$ $E_e= 20 \text{ mw/cm}^2$
SWITCHING SPEEDS:					$V_{ce}=5\text{V}$
RISING TIME		15		μS	$I_c= 1 \text{ mA}$
FALLING TIME		15		μS	$R_l = 1000 \Omega$
PEAK WAVELENGTH SENSITIVITY		860		nm	
SPECTRAL HALF WIDTH:		400-1200		nm	
LENS COLOR: WATER CLEAR					

PARAMETER	MAX	UNITS
COLLECTOR-EMITTER VOLTAGE (V_{ce0})	30	V
EMITTER-COLLECTOR VOLTAGE (V_{ce0})	5	mA
COLLECTOR CURRENT	20	mA
POWER DISSIPATION	75	mW
OPERATING TEMP.	- 25 TO + 85	°C
STORAGE TEMP.	- 45 TO + 85	°C

NOTES:

1. 2,000 PIECES PER REEL.

CAUTION: MOISTURE SENSITIVE DEVICE

1. SHELF LIFE IN SEALED BAG:
12 MONTHS AT <40°C AND <90% RELATIVE HUMIDITY (RH).
2. AFTER THIS BAG IS OPENED, DEVICES HAVE TO BE
MOUNTED WITHIN 48 HOURS OR STORED AT <30% RH.

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
A	OED-ST1206C-TR

1.6 x 3.2mm P.C.B., SURFACE MOUNT PHOTOTRANSISTOR,
1206 SMD PACKAGE, WATER CLEAR LENS, HIGH SENSITIVITY.

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 6.21.02
CT			PAGE: 1 OF 1
			SCALE: N/A